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SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82

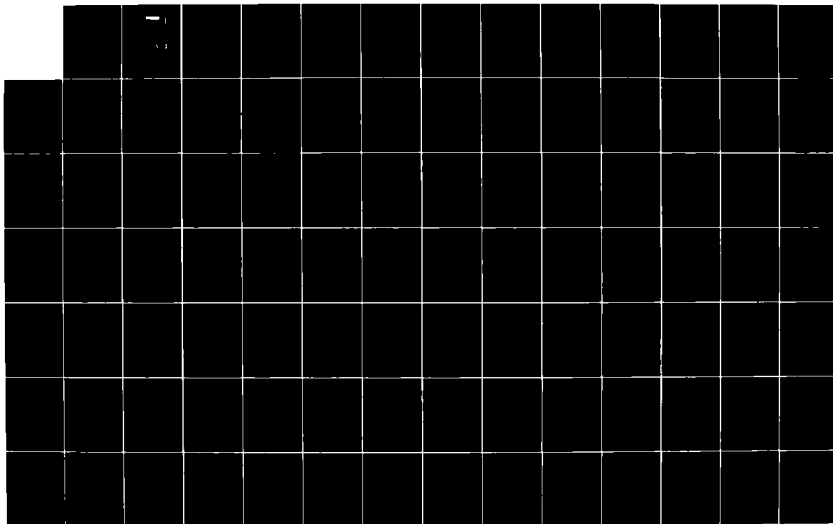
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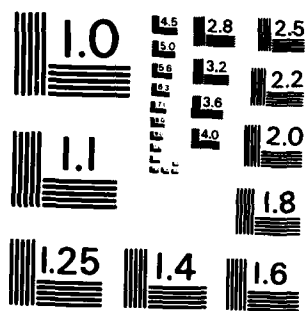
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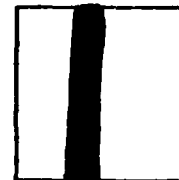
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REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

SALINA MAP, KS  
N 38 48 W 097 39

SLN MSC#: 724586  
FLD ELEV: 1272 FT

PARTS A-F  
FOR 10M HOURLY OBS: JAN 73 - DEC 81

FOR FROM DAILY OBS: NOV 42 - NOV 49, JAN 52 - DEC 81

TIME CONVERSION GMT TO LST: -6

22 SEP 1982

SEP 20 1982

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 82/055	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- SALINA MAP, KANSAS		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 20 SEP 82															
		13. NUMBER OF PAGES 400															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
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16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for SALINA MAP, KANSAS</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

KANSAS

SALINA MAP, KANSAS

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The observation forms (MFI-10c) used to record the observations after May 1965 lack any entry space for recording the peak wind speed and direction. This data is not extracted from the hourly or special observations when transcribed into the data base. Thus peak wind speed and direction are not available after 1964 in the "Extreme Values" section of the RUSSWO.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

##### ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

##### SNOWFALL

##### SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

##### SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

##### EXTREME MAX & MIN TEMP

##### PSYCHROMETRIC DRY VS WET BULB

##### MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

##### RELATIVE HUMIDITY

#### PART F STATION PRESSURE

##### SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
724586	SALINA MAP, KS	N 38 48	W 97 39	1282	SIN	

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	WT. BARG.	
1.	Salina MAP, KS	CAA	Dec 51	Feb 53	N 38 49	W 97 34	1245	1297	24
2.	Same	CAA	Feb 53	Mar 69	Same	Same	1314	Same	24
3.	Same *	FSS	Mar 69	Apr 82	N 38 48	Same	1282	1269	24
* Last NWS update May 81									

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Dec 51	On field		F420C	23	
2.	Apr 61	Same		F420C	33	
3.	Sep 66	On top control tower		F420C	122	
4.	Mar 69	Field		F420C	20	



## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

CLIMATE CLIMATOLOGY BRANCH  
 AFMPC  
 AFMPC WEATHER SERVICE/MAC

# WEATHER CONDITIONS

STATION 41-6 CALINA MAP KS

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	1-31		2.0	.4	5.4		8.5	10.3		0.0		11.4	517
	03-05		1.5	.8	7.4		9.3	11.6	.1	1.7		12.7	427
	06-08		1.9	1.3	5.1		9.4	12.4	.6	2.5		14.5	427
	09-11		1.6	1.1	3.1		10.0	13.4	.2	2.1		15.3	419
	12-14		.6	1.5	7.9		9.6	11.5	1.4	1.0		13.2	417
	15-17		1.1	1.0	5.6		7.6	10.0	1.2	1.0		11.4	427
	18-20		1.3	.6	6.5		8.4	9.3	1.2	1.1		11.0	415
	21-23		2.0	.5	7.5		9.7	9.9	.7	1.1		11.7	412
TOTALS			1.5	.9	7.0		9.0	11.1	.7	1.5		12.7	3504

LOCAL CLIMATOLOGY BRANCH  
 METAC  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4426 SALINA MAP KS 73-51  
 STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	0-12		1.9	1.1	3.3		6.2	16.4	.9	.1		17.3	756
	13-25	.3	2.5	1.2	4.6		8.3	16.2	.9	.6	.3	17.7	757
	26-29		2.6	2.0	5.0		9.5	19.8	.3	2.0	.3	21.6	744
	30-11		2.6	1.7	9.0		12.7	21.3	1.7	1.6		27.3	747
	12-14		2.1	.8	6.1		8.8	16.6	2.3	1.3		19.5	753
	15-17		.9	.7	3.9		5.3	12.2	3.3	1.6	.7	16.6	748
	18-2	.1	1.1	1.5	3.5		6.1	12.6	3.1	.4	.8	16.3	741
	21-23		1.3	1.2	2.9		5.5	14.2	1.9	.4	.5	17.3	748
TOTALS		.1	1.9	1.3	4.8		7.8	16.2	1.9	1.1	.3	18.7	5994

1. CLIMATE CLIMATOLOGY BRANCH  
 2. USAFETAC  
 3. WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4. 4006 5. SALINA MAP KS 6. 73-81 7. MA  
 STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MA	00-23	.9	6.7	1.1	2.3		11.6	16.5	.1	.1		18.4	817
	24-35	1.0	6.5	.9	2.6		11.4	19.1		.7		19.3	822
	36-38	1.1	6.4	.8	1.9		10.8	23.6	.1			27.4	825
	39-41		3.1	.6	1.9		10.7	17.9	1.0			19.5	824
	42-44	.2	6.3	.1	2.1		8.1	12.2	1.7	.3		17.3	826
	45-47	.5	7.5		1.8		9.1	11.5	1.5	.7		17.3	827
	48-50	.4	7.9	.4	1.7	.1	9.5	12.1	.5	.1		17.6	818
	51-53	.7	9.5	.5	1.2	.1	11.2	12.2	.2			17.2	823
TOTALS		.6	8.1	.6	1.9	.1	10.3	15.6	.7	.2		18.4	6574

LOCAL CLIMATOLOGY BRANCH  
 PETAC  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

416 MALINA MAP KS 77-81  
 STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-09	2.0	7.4		1.8		8.9	7.0	.4			7.0	797
	10-19	2.5	7.5		.9		8.3	12.5	.4			12.9	797
	20-29	1.5	6.5		.5		7.2	18.6	1.4	.3		19.9	797
	30-11	.3	4.4	.3	1.3		6.1	13.1	2.1	.3		14.9	797
	12-14	.5	5.6	.4	.9		7.1	8.1	.9			8.0	798
	15-17	1.3	6.0		.6		6.6	6.5	1.5		.3	8.3	797
	18-21	2.0	6.4		1.0		7.4	6.6	.9		.3	7.6	794
	22-23	2.4	6.0		1.4		7.4	5.3	.5	.1		5.9	794
TOTALS		1.6	6.3	.1	1.1		7.4	9.7	1.3	.1	.1	11.0	6718

AL CLIMATOLOGY BRANCH  
TAC  
WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4-15 ALINA MAP KS

73-57

7-4

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	7-21	4.1	5.9				8.8	7.2				7.1	71
	22-31	4.1	9.7				9.7	8.8	.1			8.4	176
	1-31	1.1	6.1				8.1	15.3	3.4			17.5	12
	7-11	1.1	5.9				5.8	7.2	2.1			9.1	111
	12-14	1.0	4.9				4.9	2.7	.5			7.2	14
	15-17	2.3	4.7			.2	4.7	2.1	.7			7.8	17
	18-2	2.7	5.9				5.9	3.1	.8			7.7	112
	3-23	3.7	6.8				6.5	3.4	.4			7.7	10
TOTALS		2.5	6.8			.2	6.8	6.2	1.1			7.1	5437

ALBUQUERQUE METEOROLOGICAL BRANCH  
 USAF  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4-66 ALBUQUERQUE KS 73-51 01  
 STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	10-02	5.3	4.7				4.7	1.1	.1			1.1	7.1
	3-15	5.8	6.3				5.3	4.8	.4			1.1	7.7
	16-30	2.5	3.9				3.9	9.1	1.0			10.2	7.8
	1-12	1.5	2.9				2.9	2.4	.9			3.2	7.8
	13-14	1.3	2.3				2.3	.4	.1			.5	7.8
	15-17	2.3	2.9			.1	2.9	.4				.4	7.7
	18-20	2.4	2.3				2.3		.1			.4	7.6
	21-23	4.5	1.5				4.5		.4			.4	7.1
TOTALS		2.2	3.7			.1	3.7	2.3	.5			3.7	6152



AL CLIMATOLOGY BRANCH  
 TAC  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4-4 SLINA MAP KC 75-61 JUL  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	0-32	3.2	4.0				4.0	2.2	3.0			4.0	7.7
	03-35	3.5	4.7				4.7	4.9	2.0			7.0	7.0
	06-08	1.5	3.3				3.3	10.4	2.1			11.0	1.0
	09-11	1.1	2.6				2.6	4.1	3.9			7.0	1.0
	12-14	.7	1.1				1.1	1.8	3.7			5.0	.7
	15-17	1.5	1.7				1.3	1.0	2.5			7.3	1.7
	18-20	3.3	1.7				3.2	.9	2.0			5.4	1.5
	21-23	2.4	3.1				3.1	1.1	2.5			7.0	7.6
TOTALS		1.1	2.5				2.9	3.3	2.9			5.5	67.1

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# WEATHER CONDITIONS

4 56  
STATION

JALINA MAP KS

STATION NAME

73-51

YEARS

401  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	0-1	3.6	5.7				5.0	3.2	.5			3.4	724
	03-12	3.9	7.1				7.1	6.6	.5			6.9	741
	06-15	.7	3.2				3.2	13.7	.7			14.1	100
	09-11	.6	2.9				2.9	4.9	1.5			7.4	11
	12-14	1.0	2.6				2.6	1.1	1.0		.1	2.3	15
	15-17	2.9	2.6				2.8	.9	.7		.7	2.2	10
	18-20	2.3	2.2			.1	2.2	.5	.5		.5	1.0	9
	21-23	3.0	3.6			.1	3.8	1.7	.9		.1	2.4	7
TOTALS		1.3	5.7			.1	3.7	4.1	.3		.2	4.9	5454

1. AL CLIMATOLOGY BRANCH  
 2. ETAC  
 3. WEATHER SERVICE/MAC

## WEATHER CONDITIONS

4. 76 JALIN MAP KS

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	01-04	2.8	3.9				3.9	6.1	.0			6.2	744
	05-08	2.5	6.1				5.1	10.9				10.9	744
	09-12	1.9	6.7				6.2	10.9	1.4			12.3	768
	13-16	.6	6.7				5.7	7.9	2.7			11.3	798
	17-20	.5	4.3				4.3	2.8	1.1			3.9	767
	21-24	1.4	3.3				3.3	1.9	1.1			1.1	766
	25-28	.8	2.5				2.5	1.8	.9			2.7	767
	29-30	2.3	3.5				3.5	2.8	.6			2.4	747
TOTALS		1.6	4.6				4.6	6.4	1.3			7.3	5713

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WETAC  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

73-66 SALINA MAP KS 73-61 107  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	20-01	2.0	5.6		.6	.1	7.1	7.7				7.7	118
	13-15	1.2	5.1		.6		5.7	8.6				5.5	111
	06-13	.9	5.1		.4		5.1	12.2				11.2	100
	19-11	.6	4.3		.1		4.5	10.3	.4			10.7	115
	12-14	.5	4.1				4.1	6.3	.1		.1	6.5	117
	17-17	1.1	5.3				5.5	4.5	.4		.5	4.9	124
	18-20	1.2	5.3		.1		5.3	5.0				5.0	125
	21-23	1.7	5.3		.7		6.0	5.7				5.7	110
TOTALS		1.2	5.1		.3	.3	5.3	7.6	.1		.1	7.8	5544

U.S. AIR FORCE  
 METEOROLOGICAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

44-6  
 STATION

DALINA MAP KS  
 STATION NAME

73-81  
 YEARS

NOV  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-01	.1	5.1		1.9		7.8	13.6	.3	.0		11.1	803
	03-05	.4	6.3	.1	1.9		8.2	13.6	.3	.4		14.2	797
	06-08	.1	6.7	.0	1.6		9.1	18.6		.3		19.1	791
	09-11		6.3	.4	1.3		7.9	14.7	1.0	.3		15.4	797
	12-14	.1	4.6		1.3		5.9	10.1	.6	.1		10.0	763
	15-17		6.2		1.2		7.3	8.7	.3		.1	9.1	780
	18-20		5.3		1.1		6.5	9.1	.6	.1		9.0	757
	21-23	.1	5.3		1.9		6.9	9.1	.1	.3		9.3	794
TOTALS		.1	5.6	.2	1.5		7.5	11.9	.4	.3	.2	12.3	6329

U.S. AIR FORCE  
METEOROLOGICAL BRANCH  
AFAC  
WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4856 JALINA MAP KS 70-81 010  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
01-02			2.7	1.5	1.9		5.8	13.1	.2	.5		1.0	100
	03-05		2.8	1.5	2.4		7.3	11.6	.4	.5		1.0	100
	06-08	.2	3.3	1.1	3.6		7.3	13.8	1.0	.5		14.7	100
	09-11	.1	3.5	.9	3.5		7.7	16.1	1.1	.3		14.5	100
	12-14		2.8	.6	2.2		5.7	12.8	1.1	.7	.1	14.2	100
	15-17		2.3	1.5	3.5		7.0	10.6	.8	.6	.1	11.6	100
	18-20		2.4	.9	3.0		5.9	9.9	.6	.1	.2	10.5	100
	21-23	.2	2.5	1.6	2.1		6.0	9.6	.6	.4		11.1	100
TOTALS		.1	2.8	1.2	2.9		6.7	11.8	.7	.5	.1	12.4	6541

AL CLIMATOLOGY BRANCH  
 STAC  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

4 6 ALINA MAP KS 73-81 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		1.5	.9	7.		3.2	11.1	.7	1.1		11.7	6566
FEB		.1	1.7	1.3	4.1		7.8	18.2	1.9	1.1	.3	18.7	6596
MAR		.6	5.1	.6	1.9	.1	17.3	15.6	.7	.2		16.4	6574
APR		1.6	6.3	.1	1.1		7.4	9.7	1.1	.1	.1	17.3	6519
MAY		2.5	6.6			.2	6.5	6.2	1.			7.	6617
JUN		7.2	3.7			.2	3.7	2.3	.5			7.7	6557
JUL		7.1	2.9				2.9	3.3	2.4			8.6	6751
AUG		2.3	3.7			.2	3.7	4.1	.6		.2	4.9	6614
SEP		1.6	4.6				4.6	6.4	1.			7.3	6513
OCT		1.2	5.1		.3	.2	5.3	7.6	.1		.1	7.8	6746
NOV		.1	5.9	.2	1.5		7.5	11.9	.4	.3	.6	12.3	6729
DEC		.1	2.8	1.2	2.9		6.7	11.8	.7	.5	.1	17.8	6541
TOTALS		1.3	4.4	.4	1.6	.2	6.3	8.9	1.1	.3	.1	9.9	7615

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $5/8$  mile.



FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

XXX **WEATHER CONDITIONS** XXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

774586  
STATION

SALINA MAP KS  
STATION NAME

46-49, 52-81  
YEARS

ALL  
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.8	15.1	5.6	23.7		31.9	28.5	7.8	6.5	.1	34.3	1054
FEB		1.8	16.6	5.6	21.9	.4	32.4	31.5	10.3	4.6	.6	34.6	958
MAR		5.9	29.9	3.0	16.5	.8	37.3	30.7	10.3	3.4	.5	36.2	1054
APR		16.0	40.1	.1	3.0	2.5	39.2	4.4	6.4	.4	.1	27.4	1020
MAY		25.6	43.7		.2	1.9	42.4	22.1	5.5		.2	24.2	1054
JUN		31.1	41.2			2.4	39.8	11.6	4.3		.4	14.6	988
JUL		28.2	37.8			.7	36.4	11.2	4.3		.1	12.4	1019
AUG		22.2	33.1			.6	31.8	15.3	6.0		.1	16.9	1018
SEP		16.6	31.6			.6	30.1	20.9	4.9		.1	22.3	1020
OCT		9.8	26.1	.1	.9	.7	25.8	18.6	2.3	.2	.2	19.6	1053
NOV		2.1	22.5	.6	8.5	.2	26.4	25.7	4.6	1.2	.2	28.2	1004
DEC		.9	18.8	4.4	19.1	.1	30.3	28.2	5.5	3.0		32.0	1023
TOTALS		13.4	29.9	1.6	7.8	.9	33.6	22.4	6.0	1.6	.2	25.4	10265

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ALL WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

724526  
STATION

SALINA MAP KS  
STATION NAME

42-49, 52-81  
YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	0.51-4	1.52-4	2.53-4	3.54-4	4.56-4	6.510-4	10.515-4	15.525-4	25.550-4	OVER 50-4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	66.9	17.9	1.7	5.0	2.4	3.6	1.4	1.0	.2					15.3	1147	.75 2.88TRACE			
FEB	65.9	18.0	2.2	4.1	2.5	3.1	1.9	1.8	.5					16.1	1043	.90 3.20TRACE			
MAR	51.3	17.1	1.0	4.3	2.4	5.9	4.2	2.5	1.3					21.6	1143	2.0710.62TRACE			
APR	53.4	15.2	2.2	3.9	4.1	5.9	3.9	4.2	2.2	.2				26.4	1110	2.97 7.98 .49			
MAY	55.1	14.5	1.8	5.1	3.7	4.3	7.0	6.0	3.1	.3	.1			30.5	1147	4.25 9.38 .25			
JUN	58.7	11.6	1.8	4.4	3.4	4.7	5.7	5.1	4.3	.3	.1			29.7	1078	4.3410.74 .79			
JUL	61.4	12.5	1.3	4.4	3.0	5.6	4.7	4.1	2.7	.3				26.1	1112	3.46 8.96TRACE			
AUG	66.5	11.9	1.3	4.1	2.9	3.9	3.5	3.5	2.2	.2	.1			21.7	1080	2.8613.75 .13			
SEP	64.3	13.5	.8	4.4	1.9	4.1	3.7	3.3	2.4	.5				21.2	1110	3.0312.05 .11			
OCT	73.3	9.2	1.0	3.1	1.9	3.9	3.1	2.5	1.4	.5				17.5	1146	2.29 6.77TRACE			
NOV	73.4	11.4	1.7	2.6	2.3	3.5	2.3	1.8	.9					15.1	1110	1.39 5.61TRACE			
DEC	63.1	16.3	1.4	4.8	1.8	3.7	2.2	1.2	.5					15.6	1147	1.03 3.12TRACE			
ANNUAL	64.3	13.8	1.4	4.2	2.7	4.3	3.6	3.1	1.8	.2	.0			21.4	13373	29.27			

USAFETAC FORM 0-15-5 (OLA)  
OCT 75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNITED STATES CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE/MAC

# EXTREME VALUES

## PRECIPITATION

(FROM DAILY OBSERVATIONS)

14556 GALINA MAP KS

42-49, 52-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
42										*TRACE			
43	.14	.80	.29	1.74	.56	1.67	1.74	.37	1.40	1.53	1.07	.47	1.53
44	.19	.43	.97	2.48	.58	.75	1.29	1.67	1.14	.52	.66	1.11	1.45
45	.10	.74	.32	1.51	.69	1.10	2.39		2.58	.21	TRACE		
46	.10	.35	1.04	.47	2.51	.87	.45	3.53	3.21	1.27	.93	.44	1.53
47	1.00	.25	.60	1.10	1.25*	1.60*	.66*	.71	.11	1.32	.58	1.03	1.73
48	.34*	1.42	.75	.97	1.47	2.01	2.04	.16	.87	.51	1.30	.79	1.71
49	.41	.12*	.27	1.78	1.14	.96	1.16	.45	.44	.92*	.10		
50	.20	.34	.55	.93	.89	1.62	.55	1.25	.92	TRACE*	.28	.10	1.50
51	TRACE	.11	.92	.54	1.83	.72	1.42	.79	1.77	.12	1.01	1.10	1.70
52	.32	.59	.28	.86	1.26	1.76	1.43	.36	1.14	.88	TRACE	.75	1.74
53	1.13	.58	.61	2.20	.57	1.23	1.09	1.12	1.87	3.26	.14	.10	1.76
54	.69	.65	.20	1.10	1.32	.38	.50	.79	.97	.97	.26	.75	1.70
55	.24	.34	.88	1.56	2.74	2.01	1.41	.55	2.04	3.13	.60	.75	1.73
56	.49	1.63	.88	.80	.58	2.75	1.28	1.61	1.19	.30	.59	.37	1.75
57	.65	.29	2.74	.46	1.85	.89	1.30	.35	1.98	1.73	.10	.87	2.44
58	1.47	1.14	.35	1.26	.82	1.36	.69	1.57	3.16	.92	.23	1.14	2.15
59	.09	.66	.37	1.76	2.70	1.37	.77	.87	2.39	.99	1.51	.78	2.70
60	.41	.26	.39	.60	2.35	2.97	2.09	2.45	1.47	.69	.61	.10	2.57
61	.53	TRACE	.93	.24	.47	.91	3.36	1.07	.93	1.61	.16	.76	2.76
62	.11	.32	1.39	.32	1.68	1.43	.77	.97	.76	.06	2.22	.09	2.00
63	.57	1.09	.23	.71	1.64	1.87	.96	.65	2.48	.77	.03	1.07	2.49
64	.07	.58	TRACE	.35	.23	.05	.53	1.30	.92	.21	TRACE	.73	1.30
65	.14	.34	.39	2.17	.94	2.15	.95	.26	4.82	1.38	.37	.74	2.90
66	.11	.10	TRACE	1.11	1.67	.51	.65	1.73	.12	2.91	.54	.89	2.90
67	.18	.61*	1.67	.98	1.99	1.59	1.39	.66	.07	.94	.17	.07	1.59
70	.11	.19	.49	1.66	.71	1.67	1.01	.75	2.97	1.50	.24	.75	2.60
71	.97	.90	.19	.78	5.84	1.57	2.55	.13	.61	2.12	.97	.20	5.84
72	.74	.74	.28	.90	1.31	1.32	1.56	2.18	1.18	.55	.94	.72	2.18
73	.31	1.22	1.34	1.53	.72	.45	3.83	1.12	2.36	2.80	.31	1.72	3.83
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



## EXTREME VALUES

FROM DAILY OBSERVATIONS.

24086	ALINA MAD KS
STATION	STATION NAME

47-49, 52-81 YEARS

## TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

## EXTREME VALUES

(FROM DAILY OBSERVATIONS)

7.4586	SALINA MAP KS
STATION	STATION NAME

42-44, 52-21 \_\_\_\_\_ YEARS

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)



2 GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

704E66 SALINA MAP KS 45-49, 52-81  
STATION STATION NAME YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
			01	02-03	04-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01.04	05.14	15.24	25.34	35.44	45.54	55.64	65.74	75.84	85.94	OVER 90.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4	5	6	7	8	9	10	OVER 10					
JAN	75.0	14.8	2.5	4.2	1.6	.5	.4	.7	.5					10.2	1054	5.5	32.7	TRACE
FEB	76.5	14.7	1.6	3.3	.7	.7	.4	1.0	.6					8.5	958	5.3	25.6	.7
MAR	82.6	11.2	1.7	2.1	1.7	1.0	.8	.1	.3					6.2	1052	7.9	15.4	.0
APR	96.9	2.2	.2	.7					.1					1.0	1020	.4	7.0	.0
MAY	99.7	.3													1054	TRACE	TRACE	.0
JUN	100.0														988	.0	.0	.0
JUL	100.0														1019	.0	.0	.0
AUG	100.0														1018	.0	.0	.0
SEP	100.0														1020	.0	.0	.0
OCT	99.1	.5	.2	.1	.1									.4	1053	.1	2.5	.0
NOV	91.3	5.8	1.0	.7	.8	.1	.2	.1						2.9	1002	1.2	7.0	.0
DEC	87.4	12.3	1.7	2.8	1.7	.5	.3	.3		.1				7.3	1023	3.5	12.0	TRACE
ANNUAL	91.8	5.1	.7	1.2	.5	.2	.2	.2	.1	.0				3.0	12261	19.9		

NATIONAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

174536 MALINA MAP KS  
STATION STATION NAME

45-49, 52-61  
YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
45													
46	TRACE	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	7.0	3.0
47	5.7	2.2	3.3	TRACE	.0*	.0*	.0*	.0	.0	.0	.1	6.5	5.7
48	9.1*	6.2	4.9	.0	.0	.0	.0	.0	.0	.0	4.0	2.0	9.1
49	3.1	1.0	1.9	.1	.0	.0	.0	.0	.0	.0*	.0	.0	.0
50	2.2	1.0	7.0	TRACE	.1	.0	.0	.0	.0	.0*	1.6	1.3	7.0
51	TRACE	.3	7.5	1.2	TRACE	.0	.0	.0	.0	.0	4.1	1.4	7.5
52	.2	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.0	2.2
53	2.4	5.5	3.2	.1	.0	.0	.0	.0	.0	.0	1.1	.5	5.5
54	6.9	5.9	2.0	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	6.9
55	.4	3.7	1.2	1.4	.0	.0	.0	.0	.0	TRACE	1.7	.2	3.7
56	3.3	4.7	3.8	.0	.0	.0	.0	.0	.0	.0	3.3	3.8	4.7
57	7.2	.9	2.0	TRACE	.0	.0	.0	.0	.0	.0	.8	2.7	7.2
58	5.4	6.5	3.4	TRACE	.0	.0	.0	.0	.0	TRACE	.2	1.1	6.5
59	.4	5.5	2.3	TRACE	TRACE	.0	.0	.0	.0	.0	.4	1.8	5.5
60	3.8	.2	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	3.8
61	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
62	1.1	1.0	4.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.2	6.0
63	4.1	2.0	.9	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	4.1
64	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	11.0	11.0
65	1.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.0
66	1.1	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	3.0	3.0
67	1.0	5.0*	3.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.0
68	3.1	TRACE	3.5	7.0	.0	.0	.0	.0	.0	.0	1.5	TRACE	7.0
69	4.7	9.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.0
70	1.1	1.0	TRACE	TRACE	.1	.0	.0	.0	.0	.0	2.0	3.0	3.0
71	4.1	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	7.7	4.1
72	1.1	TRACE	3.0	1.0	.0	.0	.0	.0	.0*	.1	TRACE	1.0	3.0
73	2.2	6.0	8.0	.6	.0	.0	.0	.0	.0	.0	5.0	TRACE	8.0
74	2.1	1.0	.7	.0	.0	.0	.0	.0	.0	.1	2.4	TRACE	2.4
75													
76													
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

## EXTREME VALUES

(FROM DAILY OBSERVATIONS.)

45-49, 52-81 YEARS

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/MAC

# EXTREME VALUES MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

74556 SALINA MAP KS  
STATION STATION NAME

45-49, 52-81  
YEARS

## TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45													
46	TRACE	.0	.1	.0	.0	.0	.0	.1	.0	.1	.0	4.4	4.6
47	6.1	2.5	6.5	TRACE	.0*	.0*	.0*	.0	.0	.0	.2	7.5	* 27.7
48	16.9*	11.2	15.4	.0	.0	.0	.0	.0	.0	.0	4.2	4.3	51.9
49	5.3	2.1	1.9	.1	.0	.0	.0	.0	.0	.0*	.0		
52	3.8	1.0	13.3	TRACE	.1	.0	.1	.0	.0	.0*	1.7	2.1	* 21.7
53	TRACE	.4	8.0	1.2	TRACE	.0	.0	.0	.0	.0	5.7	1.8	17.1
54	.2	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	3.7	3.5
55	4.1	11.4	3.4	.0	.0	.0	.0	.0	.0	.0	1.5	.0	20.9
56	13.3	6.8	3.5	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	24.1
57	.4	3.7	2.3	3.1	.0	.0	.0	.0	.0	TRACE	3.2	.2	17.7
58	6.1	11.1	14.1	.0	.0	.0	.0	.0	.0	.0	3.3	7.3	43.9
59	14.2	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.9	4.4	22.4
60	7.1	25.6	10.9	TRACE	.0	.0	.0	.0	.0	TRACE	.2	1.9	45.6
61	.4	7.9	5.5	TRACE	TRACE	.0	.0	.0	.0	.0	.4	4.3	15.6
62	8.4	.4	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.2	17.7
63	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
64	1.3	1.0	5.4	.0	.0	.0	.0	.0	.0	.0	3.4	5.4	17.5
65	4.1	13.3	2.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	20.7
66	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	12.0	16.7
67	1.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.6	9.6
68	1.1	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	2.0	7.9
69	1.1	9.0*	4.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	* 15.1
70	5.7	TRACE	5.5	7.0	.0	.0	.0	.0	.0	.0	2.5	TRACE	20.2
71	6.1	23.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	31.1
72	1.0	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.0	6.0	11.7
73	9.7	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	7.3	18.6
74	2.3	TRACE	3.0	1.1	.0	.0	.0	.0	.0*	.0	TRACE	2.0	* 8.8
75	3.2	7.0	8.0	.6	.0	.0	.0	.0	.0	.0	7.0	TRACE	25.3
76	3.0	1.0	.7	.0	.0	.0	.0	.0	.0	.0	2.4	TRACE	7.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88 5 (OLA)

## EXTREME VALUES

(FROM DAILY OBSERVATIONS)

7-43-66 SALINA MAP KS  
STATION STATION NAME

45-49, 52-81

**YEARS**

## TOTAL MONTHLY SNOWFALL IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLA)  
JUL 84

2 GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

724526  
STATION

SALINA MAP KS  
STATION NAME

42-49, 52-81

YEARS

PRECIP	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	04-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000		MEAN	MAX	MIN
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504				
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-30	31-48	49-60	61-120	OVER 120				
JAN	67.6	11.2	9.0	3.8	3.1	6.3	3.6	.6						28.3	1139		
FEB	70.6	7.0	6.4	3.3	2.3	4.7	4.2	1.4						22.3	1039		
MAR	54.7	4.3	2.6	1.4	2.3	1.8	2.1	.7						11.0	1140		
APR	98.7	.5	.4	.2	.1	.1								.7	1109		
MAY	100.0															1146	
JUN	100.0															1078	
JUL	100.0															1112	
AUG	100.0															1080	
SEP	100.0															1110	
OCT	99.3	.1		.1										.1	1146		
NOV	94.6	2.5	1.3	.4	.4	.8	.1							2.9	1117		
DEC	77.0	8.1	5.3	4.0	2.4	2.6	.5							14.9	1142		
ANNUAL	90.5	2.8	2.1	1.1	.9	1.5	.9	.2						6.7	13358		

LOCAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

714536 CALINA MAP KS

42-49, 52-61

STATION

STATION NAME

YEARS

## DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42														
43		3	TRACE	10	0	0	0	0	0	0	0	TRACE*	0	10
44		1	1*	4	0	0	0	0	0	0	0	0	0	4
45		1	6	3	1	0	0	0	0	0	0	0	0	10
46		TRACE	0	0*	0	0	0	0	0	0	0	0	0	10
47		7	TRACE	5	0	0*	0*	0*	0	0	0	0*	0	10
48		11*	10	10	0*	0	0	0	0	0	0	0	0	10
49		5	2	2	TRACE	0	0	0	0	0	0	0*	0	10
52		3	1	6	0	0	0	0	0	0	0	0*	0	10
53		1	TRACE	6	TRACE	0	0	0	0	0	0	0	0	10
54		TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	10
55		4	8	3	0	0	0	0	0	0	0	0	1	10
56		4	12	2	2	0	0	0	0	0	0	0	1	10
57		TRACE	4	1	3	0	0	0	0	0	0	0	3	10
58		3	4	7	0	0	0	0	0	0	0	0	3	10
59		8	2	1	0	0	0	0	0	0	0	0	1	10
60		3	17	18	0	0	0	0	0	0	0	0	0	10
61		1	5	1	TRACE	0	0	0	0	0	0	TRACE	0	10
62		7	TRACE	1	0	0	0	0	0	0	0	TRACE	0	10
63		2	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	0	10
64		1	1	1	0	0	0	0	0	0	0	0	0	10
65		4	7	1	0	0	0	0	0	0	0	0	0	10
66		3	2	0	0	0	0	0	0	0	0	0	0	10
67		11	1	0	0	0	0	0	0	0	0	0	0	10
68		4	2	1	0	0	0	0	0	0	0	0	0	10
69		1	7	1	0	0	0	0	0	0	0	0	0	10
70		3	0	2	0	0	0	0	0	0	0	0	0	10
71		7	12	9	0	0	0	0	0	0	0	0	0	10
72		1	1	0	0	0	0	0	0	0	0	0	0	10
73		4	TRACE	0	TRACE	0	0	0	0	0	0	0	0	10
MEAN														
S.D.														
TOTAL OBS.														

NOTE \* (BASED ON LESS THAN FULL MONTHS)





U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an Asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate Annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.

FEDERAL CLIMATOLOGY BRANCH  
WFO FLTAC  
ATMOSPHERIC WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WIND

(FROM DAILY OBSERVATIONS)

4536 SALINA MAP KS  
STATION

STATION NAME

46-47, 56-60

YEARS

## DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	NW 57SW	49SSW	49NNW	50SSW	43SE	47NNW	52SE	44N	41			* CALM	
47	NW *42NNW	51N	35SE	*56N	43NNW	64NW	*41SE	*48SSW	40S	43NW	40W	38	NNW 64
50				S	*46NW	50SSE	49S	40S	57S	65NW	41SS	37	
57	SSW 42S	33SSW	42SSE	46SSE	70WSW	54NW	*36N	35ESE	36N	44N	*34N	46	SSW 70
58	NNW 32NNW	38ESE	32NW	43S	35S	65W	43WSW	36NNW	33SSE	35NW	33N	27	S 65
59	NNW 36NNW	37N	49WSW	35E	39SSW	42S	42S	26S	31N	43NW	35SSW	38	N 40
60	NNW 38NNE	31N	41SSW	42S	55NNW	35SSW	32NNW	45S	27N	29S	37S	34	S 55
61	NNW 47NNE	30S	37S	42W	48NNW	49NNW	36NW	35N	40S	*39NW	*41SS	*36	NW 49
62	S	38S	42NW	41NNW	44W	52NNW	39SSW	65NNW	36N	*43N	*36SS	36NW	*73
63	N	38NNE	*41W	*48SSW	55S	*36N	57NW	*36S	*28N	*37S	*44N	44NW	43
64	N	35S	46S	43W	55W	51W	42W	41N	36SSW	37S	36NW	36S	78
MEAN	39.3	39.5	41.5	45.3	48.2	50.9	45.3	37.0	37.2	42.1	37.1	36.3	54.3
S.D.	5.419	7.352	5.662	6.360	9.784	9.049	10.082	5.635	6.667	11.466	2.795	6.290	
TOTAL OBS.	362	332	336	375	348	320	312	329	314	265	243	225	264

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)  
JUL 66

5 (BASED ON LESS THAN FULL MONTHS AND \*170 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586      SALINA MAP KS      73-81      JAN

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

0000-0200

HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.5	2.6	1.8	.7	.4					9.7	13.0
NNE		.5	1.1	1.4	.2	.1						3.3	11.3
NE		.9	1.0	.7	.1							2.7	9.1
ENE		.2	1.1	.5								1.8	9.7
E	.2	1.7	.9	.9								3.0	8.3
ESE		.5	1.2	.5								2.2	8.9
SE	.4	.9	1.7	.4								3.3	7.4
SSE		2.7	1.1	.6	.2							4.7	7.1
S	.1	4.2	5.3	4.1	1.4	.5						15.5	10.2
SSW	.2	2.0	1.7	1.5								5.4	8.3
SW	.1	.6	2.1	.6								3.4	8.4
WSW	.1	1.2	.1	.1								1.6	5.9
W		2.2	2.7	1.2	.2							6.4	8.7
WNW		1.7	3.4	.7	.6	.1						6.6	9.5
NW	.2	1.4	3.8	2.8	1.7			.1				9.3	10.8
NNW	.1	1.7	2.6	2.1	1.7	.6						8.9	12.2
VARBL													
CALM												12.1	
	1.6	23.4	32.3	20.7	7.4	2.1	.4	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74586 SALINA MAP KS 73-81  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
JAN  
MONTH  
0300-0500  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	2.4	2.9	2.8	.6	.1					10.6	12.9
NNE		.5	1.2	1.7	.2							3.6	10.7
NE	.2	.7	.7	1.3								3.0	9.3
ENE		.1	1.3	.2	.1							1.8	9.1
E		.9	1.1	.4								2.3	8.0
ESE	.1	1.0	1.5	.4								2.9	7.4
SE		1.5	.6	.5								2.6	6.9
SSE		2.8	1.1	.6	.1	.1						4.7	7.8
S	.1	4.0	4.4	4.7	1.7	.2	.1					15.3	10.7
SSW	.1	1.2	1.7	1.6								4.6	9.0
SW		.9	1.0	.4	.2							2.4	8.7
WSW		1.2	1.6									2.8	7.0
W		1.1	2.6	.9	.4							4.9	9.3
WNW		2.4	4.1	2.3	.6							9.5	9.4
NW		1.0	3.4	2.6	1.2	.2	.1					8.5	11.6
NNW	.1	1.6	2.7	2.1	1.0	.4	.5	.1				8.4	12.3
VARBL													
CALM												12.0	
	.9	22.4	31.3	22.5	8.4	1.6	.9	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 823

2  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704586      SALINA MAP KS      73-81      JAN

STATION      STATION NAME      YEARS      NORTH

ALL WEATHER

CLASS

CONDITION

0600-0800  
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	2.6	3.9	1.2	.7						10.5	11.9
NNE		.5	1.1	.7	.6							2.9	10.8
NE		.6	1.8	1.3								3.8	9.5
ENE		.6	.9									1.5	7.6
E		1.1	1.1	.4								2.4	7.7
ESE		.2	.7	.2								1.2	9.8
SE		2.1	1.5	.6								4.1	7.4
SSE		2.3	1.7	.4	.7							5.1	8.3
S	.2	4.3	4.1	4.3	1.3	.5	.1					4.8	10.5
SSW	.1	2.2	2.3	.4								5.0	7.4
SW	.1	1.5	.7	.2								2.6	6.8
WSW		1.1	1.5	.2								2.8	7.6
W		1.3	2.3	1.3	.2							5.2	9.2
WNW		1.8	5.2	2.1	.6							9.7	9.6
NW		1.1	2.3	3.0	1.1							7.5	11.2
NNW		1.5	2.8	2.3	1.7	.5	.1					8.9	12.4
VARBL													
CALM												11.9	
	.6	24.7	32.6	21.4	7.5	1.7	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS      822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

734586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.8	4.4	2.7	.2						11.4	12.8
NNE		.6	1.5	.9	.1							3.1	9.4
NE		1.6	.9	.6	.4							3.4	8.7
ENE	.1	.9	.7	.2								2.0	7.3
E		1.1	.9	.9								2.8	8.3
ESE		.5	.5	.9								1.8	9.5
SE		1.3	1.5	.7	.1							3.7	8.5
SSE	.2	.9	1.6	1.0	.5							4.2	9.7
S	.2	2.1	5.3	4.2	2.1	.4	.1	.1				14.4	11.6
SSW		1.3	3.5	1.1	.4							6.4	9.3
SW		.9	2.0	.5								3.3	7.9
WSW		1.0	1.1	.2								2.3	7.6
W		.9	1.5	1.2								3.5	9.1
WNW	.1	1.5	3.8	2.2	.5	.1						8.2	9.9
NW		2.0	3.7	3.3	1.7	.5						11.1	11.7
NNW		1.6	2.9	2.9	3.1	.9						11.4	13.2
VARBL												7.1	
CALM													
	.7	19.2	34.0	25.2	11.5	2.1	.1	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

818

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

734586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	4.1	3.6	3.5	.6						13.1	12.7
NNE		.5	.6	.9	.2							2.2	10.4
NE		.6	.9	.5								2.0	8.4
ENE		1.2	.6	.1	.1							2.1	6.9
E	.1	.7	1.0	.4								2.2	7.8
ESE		.7	1.1	1.2								3.1	9.6
SE		.5	1.1	.7	.1							2.5	9.8
SSE	.2	.7	1.2	1.2	.6							4.1	10.6
S		1.6	5.9	5.6	2.6	.4	.6					16.7	12.4
SSW	.1	1.1	1.9	1.7	.4							5.2	10.3
SW	.1	1.1	1.7	.6	.4	.2						4.2	9.4
WSW		1.0	1.4	.4	.2	.1						3.1	9.2
W	.1	.7	.7	1.1								2.7	8.9
WNW		1.0	2.7	2.0	1.7	.1						7.5	11.5
NW		1.1	3.1	3.8	2.7	.9						11.6	13.5
NNW		1.2	3.7	5.2	2.5	.5	.2					13.3	13.4
VARBL													
CALM												4.4	
	.7	15.3	31.7	29.0	15.1	2.8	.9					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	4.1	4.7	1.9	.1						12.3	11.8
NNE		.1	.4	.6	.2							1.3	12.5
NE		1.0	.7	.4	.4							2.4	8.8
ENE	.2	.7	1.5	.5	.2							3.1	8.6
E		1.8	1.9	.8								4.6	8.1
ESE		.5	1.2	.2								1.9	8.1
SE		.6	.6	.7	.2							2.2	9.8
SSE		1.0	3.3	1.9	.2							6.4	9.8
S	.2	1.8	4.4	5.7	1.9	.6						14.6	11.9
SSW	.2	.8	1.7	1.5	.2							4.5	9.7
SW		.6	1.6	1.1	.1	.1						3.5	10.6
WSW		1.0	1.6	.8	.4							3.8	9.5
W		1.5	1.6	.7	.1							3.9	8.5
WNW		1.8	2.4	2.1	1.1	.1						7.5	10.6
NW	.1	1.2	2.3	2.8	2.2	.4						9.0	12.6
NNW		1.1	3.5	6.3	2.4	.6						13.9	13.3
VARBL													
CALM												5.0	
	.8	16.9	32.7	30.9	11.7	1.9						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

826



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.6	3.4	3.8	1.1	.5						11.4	10.8
NNE		.2	1.2	1.6	.2							3.2	11.1
NE	.1	.9	1.6	.7								3.3	8.5
ENE	.1	1.2	1.5	.1								2.9	6.8
E		2.1	2.4	1.1								5.6	7.9
ESE		1.2	1.5	.1								2.8	7.3
SE		.6	1.2	1.0								2.8	9.4
SSE		1.6	3.3	1.3	.1							6.3	8.7
S		3.6	7.2	3.5	1.6	.1	.1					16.2	10.1
SSW	.1	1.6	2.2	.5								4.4	7.4
SW	.1	1.3	1.2	.5								3.2	7.6
WSW		1.6	1.2	.1	.1							3.0	7.1
W		1.7	2.7	.7	.2							5.3	8.3
WNW	.1	1.2	2.6	.5		.1						4.5	8.4
NW		1.7	2.8	1.9	.7	.1						7.3	10.3
NNW		1.2	2.7	3.2	1.3	.4						8.7	11.8
VARBL													
CALM												9.0	
	.7	24.3	38.5	20.7	5.5	1.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

823

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586

SALINA MAP KS

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	3.4	2.2	1.5	.2						9.1	11.2
NNE		.4	1.5	2.0	.9							4.7	12.3
NE		.6	2.2	.4	.1							3.3	8.4
ENE		.5	.7	.4								1.6	8.3
E		1.1	1.6	.7								3.4	7.9
ESE		.6	1.6	1.1								3.3	9.1
SE		.7	1.6	.1								2.5	7.4
SSE		2.3	2.1	.6	.2							5.3	8.0
S	.1	3.9	5.3	4.7	1.6	.1						15.7	10.1
SSW		3.3	2.7	1.3	.4							7.7	8.0
SW	.1	2.2	2.1	.2								4.7	6.7
WSW	.1	1.5	.6	.4	.2							2.8	8.0
W		1.6	2.8	1.5	.2							6.1	8.9
WNW	.1	1.6	3.7	1.1		.2						6.7	9.1
NW		1.2	2.6	1.7	1.0							6.5	10.6
NNW		2.1	1.5	1.8	1.0	.4	.2					7.0	12.1
VARBL													
CALM												9.7	
	.6	25.2	35.9	20.2	7.1	1.0	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFS WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586 SALINA MAP KS 73-81  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
JAN MONTH  
ALL  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	3.2	3.5	2.1	.5	.1					11.0	12.1
NNE		.4	1.1	1.2	.4	.0						3.1	11.1
NE	.0	.9	1.2	.7	.1							3.0	8.9
ENE	.1	.7	1.0	.3	.1							2.1	8.0
E	.3	1.2	1.4	.7								3.3	8.0
ESE	.0	.7	1.2	.6								2.4	8.6
SE	.0	1.0	1.2	.6	.1							2.9	8.2
SSE	.1	1.8	1.9	1.0	.4	.5						5.1	8.7
S	.1	3.2	5.2	4.6	1.8	.4	.1	.0				15.4	10.9
SSW	.1	1.7	2.2	1.2	.2							5.4	8.7
SW	.1	1.1	1.5	.5	.1	.0						3.4	8.3
WSW	.0	1.2	1.1	.3	.1	.0						2.8	7.9
W	.0	1.4	2.1	1.1	.2							4.8	8.9
WNW	.0	1.6	3.5	1.6	.6	.1						7.5	9.8
NW	.0	1.3	3.0	2.7	1.5	.3	.0	.0				8.9	11.7
NNW	.0	1.5	2.8	3.2	1.8	.5	.1	.0				10.1	12.7
VARBL													
CALM												8.9	
	.8	21.3	33.6	23.8	9.3	1.8	.4	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 6551

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	3.3	3.2	1.2	.5						10.9	10.8
NNE		.4	1.9	1.2		.1						3.6	10.1
NE		1.3	.8	1.7	.8							4.6	11.1
ENE		.4	1.2	.8								2.4	9.1
E	.1	1.1	2.0	.9								4.1	8.7
ESE		.8	1.5		.1							2.4	7.8
SE		1.2	1.3	.8	.4							3.7	9.4
SSE	.1	2.0	1.6	1.6	.1							5.4	8.8
S		3.1	6.4	7.3	2.0							18.7	11.1
SSW		.7	2.0	1.5	.3							4.4	10.1
SW		.5	1.9	.7								3.1	8.6
WSW	.1	.3	.9	.1	.1							1.6	8.0
W	.1	2.4	1.1	.8	.3							4.6	7.7
WNW	.1	1.6	2.7	2.4	.1							6.9	9.1
NW		1.7	2.4	2.3	.9	.5						7.8	11.5
NNW		.9	.8	2.4	1.9	.4	.1					6.5	14.2
VARBL													
CALM												9.3	
	.7	21.0	31.6	27.6	8.2	1.6	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

754

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

774586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	3.3	3.8	1.5	.5	.3					11.4	12.2
NNE		.1	1.5	1.2	.5							3.3	11.8
NE		.7	1.6	1.1	.3							3.6	9.8
ENE		.9	1.1	.3	.1	.3						2.7	9.6
E		1.6	1.3	.9								3.8	8.1
ESE		.9	.9	.4								2.3	7.8
SE	.1	.7	1.6	1.5	.1							4.0	9.8
SSE	.1	2.7	1.6	.9								5.3	7.4
S		2.7	7.0	6.4	1.3	.1						17.5	10.8
SSW	.1	1.6	1.1	1.3								4.1	8.5
SW		.8	.7	.1	.4							2.0	10.3
WSW		1.1	1.3	.1								2.5	7.1
W		2.0	1.6	1.5	.4							5.4	9.4
WNW	.1	1.6	3.2	2.4	.3							7.6	9.4
NW		.8	1.9	2.9	1.3	.3						7.2	12.4
NNW		1.6	1.7	2.5	1.6	.5	.1					8.1	12.9
VARBL													
CALM												9.3	
	.7	21.5	31.3	27.3	7.8	1.7	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

754

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586      SALINA MAP KS      73-81      FEB

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

0600-0800

HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	2.6	2.6	2.0	.9	.4					10.4	13.1
NNE	.1	.8	1.8	1.1	.5							4.3	10.0
NE		.5	1.2	.5	.8							3.1	11.3
ENE	.1	.5	1.3	.1	.1							2.3	8.0
E		.9	1.2	1.2								3.4	9.0
ESE		.9	.9	.3	.1							2.3	8.1
SE		.8	1.2	1.5	.1							3.6	10.3
SSE	.1	1.9	1.8	.9	.1							4.9	7.9
S		2.8	6.7	4.5	1.8	.3						16.1	10.6
SSW		1.6	1.5	.9								4.0	8.1
SW		.7	1.2	.3	.4							2.6	9.5
WSW		1.1	.8	.1								2.0	7.0
W	.3	1.8	1.2	1.3	.4							5.0	9.1
WNW		3.4	2.6	1.9	.7	.1						8.6	9.6
NW	.1	1.2	2.0	2.4	.9							6.7	11.0
NNW		1.6	2.0	3.6	2.4	.4	.1					10.3	12.9
VARBL													
CALM												10.4	
	.8	22.5	30.1	23.3	10.5	1.8	.5					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS      741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	4.0	4.7	2.8	.5	.3					13.4	13.1
NNE	.3	.3	.7	1.9	.5							3.6	11.9
NE		.7	1.3	.8	.4	.3						3.5	11.0
ENE		.7	1.1	.4								2.1	8.5
E		.3	.8	1.5	.4							2.9	11.6
ESE		.8	.7	.3								1.7	7.8
SE		1.1	1.3	.7	.5							3.6	10.0
SSE		.7	1.1	1.1	.7							3.5	11.2
S	.1	2.0	3.6	7.6	2.3	.8						16.5	12.6
SSW		1.6	2.8	2.0	.7							7.1	9.9
SW		1.7	1.5	1.1	.1							4.4	8.7
WSW	.1	.7	.4	.4	.4							2.0	9.9
W		1.2	1.5	.9	.1	.7						4.4	10.8
WNW		1.9	1.9	2.5	.4							6.7	10.0
NW		1.1	1.9	4.0	2.8	.1						9.9	13.4
NNW	.1	.1	1.6	3.6	2.3	.8	.1					8.7	15.1
VARBL													
CALM												5.8	
	.7	15.8	26.1	33.5	14.5	3.2	.4					170.0	11.1

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704586 SALINA MAP KS 73-81 FEB  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	3.6	5.7	3.2	.7	.4					15.2	13.6
NNE		.5	.9	.8	.7	.1						3.1	12.1
NE			1.3	.4	.5	.3						2.5	12.7
ENE		.3	.8	.5	.4							2.0	10.9
E		.5	1.3	1.1	.1							3.1	10.2
ESE		.3	.9	.3	.1							1.6	10.2
SE		.5	.8	.1	.3							1.7	9.2
SSE		.4	.7	1.7	.9	.1						3.9	12.8
S		1.3	4.0	5.2	5.5	.4						16.4	13.5
SSW		.3	1.9	2.1	.8	.3						5.3	12.6
SW		1.1	1.3	1.3	1.2	.1						5.1	11.8
WSW		.7	2.4	1.2		.1						4.4	9.8
W		1.2	1.2	1.2			.1					3.7	9.3
WNW		2.1	1.7	2.8	.5	.4	.1					7.7	11.1
NW		.7	2.1	2.9	1.7	.7						8.1	13.8
NNW		.5	2.3	5.2	2.9	1.7	.3					12.9	15.2
VARBL													
CALM												3.5	
		12.0	27.3	32.6	18.9	4.9	.9					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 752



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	3.5	6.3	2.8	.9	.3	.1				14.6	14.0
NNE		.3	.5	1.1	.5							2.4	12.7
NE		.1	1.2	1.1	.4							2.8	12.0
ENE		.7	.7	.7	.1							2.1	9.2
E		.8	2.0	1.2								4.0	9.4
ESE		.3	1.1	.3	.3							1.9	10.6
SE		1.1	.9	.1								2.1	7.4
SSE		.1	1.7	1.9		.1						3.9	11.0
S		.4	4.6	6.6	4.4	1.1						17.0	14.2
SSW		.4	1.7	2.0	.8		.1					5.1	12.3
SW	.1	.7	1.9	1.5	.5							4.7	10.5
WSW	.1	.5	1.5	.9	.4	.1						3.6	10.4
W		.9	1.1	.9	.1							3.1	9.5
WNW		1.6	1.7	1.9	1.2	.7	.1					7.2	12.6
NW	.1	.9	2.8	2.3	2.0	.7						8.8	12.7
NNW	.1	.8	4.0	3.3	3.7	1.3	.1					13.5	14.1
VARBL													
CALM												3.1	
	.5	10.3	30.9	32.0	17.4	5.0	.7	.1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

747

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586

SALINA MAP KS

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.5	4.3	5.5	2.2	.3						15.8	11.2
NNE		.7	1.2	1.1	.5							3.5	10.5
NE		1.2	1.6	1.1								3.9	8.9
ENE		1.5	1.2	.9	.1							3.8	8.6
E		.8	1.8	.9	.1							3.6	8.7
ESE		1.1	2.2	.3	.1							3.6	8.7
SE		1.1	1.8	.7								3.5	8.0
SSE		.8	4.0	1.5	.4							6.7	9.6
S		1.6	8.4	5.0	1.9	.5						17.4	11.3
SSW		1.3	1.6	1.1								4.0	8.5
SW		.8	.7	.1	.1							1.8	7.6
WSW		1.1	.4									1.5	5.4
W	.3	2.0	1.9	.3								4.5	6.6
WNW		1.6	.8	.5	.5							3.5	8.9
NW		1.2	2.4	1.9	1.3	.3						7.2	11.7
NNW		2.0	1.2	2.7	1.9	.5	.1					8.5	13.0
VARBL													
CALM												7.2	
	.3	22.4	35.5	23.6	9.3	1.6	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFC WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	3.0	4.2	1.7	.1						10.2	12.1
NNE		.7	2.6	2.1	.8							6.2	11.1
NE		.9	1.9	1.3		.1						4.3	9.4
ENE		.7	1.7	.5	.3							3.2	9.6
E		.7	2.4	1.3								4.4	9.3
ESE		.5	1.5	.7	.1							2.8	9.0
SE		.9	1.2	.9								3.1	8.8
SSE		1.3	3.0	1.2	.1							5.6	8.5
S		1.9	7.2	7.5	2.3	.3						19.2	11.5
SSW		.8	2.6	.8	.3	.1						4.6	9.5
SW		1.3	2.3	.1								3.8	7.6
WSW	.1	.7	.4	.1								1.3	6.7
W	.3	2.7	1.9	.8	.3							5.9	8.0
WNW		2.0	1.5	.9	.4							4.8	8.8
NW		.9	1.3	1.9	1.2							5.4	12.5
NNW		.5	1.5	2.3	.5	.3						5.1	12.5
VARBL													
CALM												10.1	
	.5	17.7	35.8	26.8	8.1	.9						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

745

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

774586

SALINA MAP KS

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURLY (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.8	3.4	4.5	2.2	.6	.2	.0				12.7	12.5
NNE	.1	.5	1.4	1.3	.5	.0						3.7	11.2
NE	.7	.7	1.4	1.0	.4	.1						3.5	10.6
ENE	.0	.7	1.1	.5	.2	.0						2.6	9.1
E	.0	.8	1.6	1.1	.1							3.7	9.3
ESE	.7	1.2	.3	.1								2.3	8.5
SE	.0	.9	1.3	.8	.2							3.2	9.2
SSE	.1	1.2	1.9	1.4	.3	.0						4.9	9.4
S	.0	2.0	6.0	6.3	2.7	.4						17.3	11.9
SSW	.0	1.0	1.9	1.5	.4	.1	.0					4.8	10.1
SW	.0	1.0	1.4	.7	.4	.0						3.4	9.5
WSW	.1	.8	1.0	.4	.1	.0						2.4	8.6
W	.1	1.8	1.4	1.0	.2	.1	.0					4.6	8.7
WNW	.0	2.0	2.0	1.9	.5	.2	.0					6.6	10.1
NW	.0	1.1	2.1	2.6	1.5	.3						7.6	12.4
NNW	.0	1.0	1.9	3.2	2.2	.8	.1					9.2	13.9
VARB												7.3	
CALM													
	.5	17.9	31.1	28.4	11.8	2.6	.4	.0				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

5980

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	2.0	2.1	2.2	.5	.1					7.8	14.0
NNE		.4	1.0	.9	.4	.1						2.7	12.1
NE		.7	1.6	1.5	.4							4.2	10.6
ENE		1.0	2.2	1.7								4.9	9.3
E	.1	1.6	1.2	.6	.2							3.8	8.1
ESE		.7	1.6	1.2	.5	.1						4.2	11.4
SE		1.3	2.2	1.6	1.1							6.2	10.9
SSE	.1	1.8	2.6	2.0	.6	.1						7.2	10.2
S		2.2	4.2	6.6	4.8	.7	.4					18.9	13.4
SSW		.5	1.8	1.0	.1	.1	.1					3.7	11.1
SW	.1	1.1	.6	.9								2.7	8.6
WSW		.4	.2	.1	.2							1.0	10.4
W		1.1	2.3	.4	.1	.2	.1					4.3	9.5
WNW		1.8	2.1	1.0	.1	.2						5.3	9.1
NW		1.1	1.2	2.2	1.2	.1						5.9	12.1
NNW		1.3	1.6	2.2	1.3	.4						6.9	12.1
VARBL													
CALM												10.4	
	.4	18.1	28.4	25.9	13.4	2.7	.7					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.3	3.5	1.8	.6						9.5	13.0
NNE		.4	1.0	.5	.1	.1						2.1	10.4
NE		.6	1.2	1.1	.5							3.4	10.8
ENE		.7	2.6	.5								3.8	8.6
E		.9	1.8	1.3	.4							4.4	10.4
ESE	.1	.9	1.8	1.1	.4	.2						4.5	10.4
SE	.2	1.2	2.2	1.3	.1							5.1	9.0
SSE	.1	1.5	2.2	1.8	1.0	.1						6.7	10.8
S		3.1	2.7	6.3	4.8	.5						17.3	13.1
SSW		.9	1.3	.9	.2	.1						3.4	9.9
SW	.1	.6	.7	.1	.2	.1						2.0	9.4
WSW		.7	.9	.7	.5							2.8	10.7
W		1.2	2.0	.7	.2							4.2	8.8
WNW		1.2	1.7	1.6	.4	.2	.2	.1				5.5	12.1
NW		1.1	1.8	2.1	1.7	.1						6.8	12.2
NNW		.7	1.8	2.0	.9	.4						5.7	12.2
VARBL													
CALM												12.7	
	.6	16.8	28.1	25.6	13.2	2.6	.2	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

819

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.4	3.8	2.6	.7						10.8	13.3
NNE			1.1	.6	.1							1.8	11.2
NE		.4	1.6	1.0	.1							3.0	10.1
ENE		.6	1.9	.9	.2							3.7	9.5
E		1.2	1.7	.9	.2							4.0	9.2
ESE		.6	1.3	1.3	.2							3.5	10.8
SE	.1	1.6	1.7	1.1	.7							5.2	9.6
SSE		2.7	2.3	1.8	.9	.2	.1					8.0	10.5
S	.1	3.2	3.0	5.2	3.5	.5						15.6	12.3
SSW		1.0	.7	1.3	.4							3.4	10.6
SW	.1	.7	.2	.9		.1						2.1	9.8
WSW	.1	.5	1.1	.5								2.2	9.2
W		1.5	1.5	1.3	.6							4.9	10.4
WNW		2.1	2.1	1.6	.7	.2						6.7	10.4
NW	.1	.9	2.6	1.5	1.5		.4					6.8	12.2
NNW		.7	1.7	1.8	1.5	.2						6.0	12.6
VARBL													
CALM												12.2	
	.6	18.9	27.0	25.5	13.3	2.1	.5					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

821

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.1	7.1	3.9	.7						13.8	14.8
NNE		.4	.4	.8	.6							2.2	12.6
NE		.4	1.7	.6	.2	.1						3.0	10.9
ENE		.5	.7	1.7	.2							3.1	11.2
E		.4	2.8	1.2	.2							4.6	9.9
ESE		.4	1.0	1.1	.5							2.9	11.6
SE		.2	1.7	1.3	.6	.4						4.2	12.6
SSE	.1	1.2	1.7	2.7	1.1	.2	.1					7.1	12.2
S		.8	3.0	4.8	4.8	1.3						14.9	14.9
SSW		.7	1.5	2.2	1.5	.2						6.1	13.2
SW		.8	.6	1.5	.5	.2						3.6	11.8
WSW		.7	.8	.5	.4		.1					2.5	11.1
W		.2	.7	1.3	.5	.2						3.0	13.4
WNW	.1	1.0	1.6	.7	1.5	.4						5.2	12.3
NW	.1	.7	2.1	2.7	1.0	.6						7.1	12.6
NNW		.5	1.5	4.4	2.3	.6						9.2	14.2
VARBL													
CALM												7.3	
	.4	9.0	23.7	34.6	19.7	5.1	.2					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

826



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.3	5.2	3.5	.6						12.4	13.9
NNE	.1	1.0	.4	1.8	.8	.1						4.2	11.9
NE	.1	.6	.6	1.7	.1							3.2	10.5
ENE		.5	.7	1.8	.2							3.3	11.3
E		.6	1.7	1.0	.5							3.8	10.5
ESE		.5	.5	1.5	.5							2.9	11.7
SE		.5	.5	1.8	.8	.1	.1					3.9	13.5
SSE		.2	1.1	2.1	2.4	.8						6.7	15.4
S		1.2	2.4	5.7	5.5	1.8	.2					16.9	15.3
SSW		.5	1.1	2.3	1.9	.6						6.4	14.6
SW		.7	1.1	.7	.6	.5						3.6	12.6
WSW		.2	1.1	1.1	.6	.1	.1					3.3	13.3
W		.7	.7	1.1	.6	.4	.1					3.6	13.3
WNW	.1	.8	1.3	1.2	.6	.6	.1					4.9	12.3
NW	.1	.6	1.1	1.2	1.7	.4	.1					5.2	14.3
NNW		.5	2.3	5.1	3.3	1.1						12.3	14.7
VARBL													
CALM												3.5	
	.5	10.0	18.9	35.3	23.8	7.2	.8					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724086  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	4.4	4.3	2.8	.6						12.7	13.3
NNE		.5	1.5	1.8	.6	.2						4.6	12.2
NE		.4	1.0	1.1	.7	.1						3.3	12.6
ENE		1.3	.9	1.3	.4							3.9	10.1
E		.5	1.1	1.3								2.9	9.8
ESE		.2	.6	1.0	1.3							3.2	14.0
SE		.2	1.9	2.1	.6	.1						5.0	11.8
SSE	.2	.9	1.1	1.9	2.1	.5						6.7	13.4
S	.1	.7	2.9	6.0	5.4	1.9						17.0	15.3
SSW		.2	1.0	1.7	1.1	.5						4.5	14.8
SW		.4	.6	1.0	.7	.2						2.9	13.3
WSW		.5	.7	1.1	.7	.4						3.4	13.4
W	.1	.5	.9	.6	.6	1.0						3.6	14.6
WNW		.5	.9	1.5	1.1	.4	.1					4.4	14.5
NW	.1	.2	1.6	2.4	1.8	.1	.1					7.4	15.1
NNW		.6	1.3	4.6	2.8	.7	.2					10.3	14.8
VARBL													
CALM												4.1	
	.6	8.3	22.3	33.7	22.7	7.8	.5					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	4.3	3.8	1.6	.4						12.9	11.1
NNE	.1	.1	1.9	1.7	1.0	.4						5.2	13.0
NE		1.7	2.7	2.0	.6							7.0	9.8
ENE		.7	1.2	1.1	.1							3.2	9.8
E		1.5	1.4	1.4	.2							4.4	9.3
ESE		.5	1.5	1.1	.2							3.3	9.8
SE		.9	3.0	2.0	.7	.1						6.7	11.3
SSE	.1	.9	4.0	2.3	.4	.5						8.2	10.8
S	.1	1.9	4.8	4.9	3.2	.4	.1					15.5	12.2
SSW		.2	.6	.6	.1							1.6	10.4
SW		.4	1.6									2.0	7.8
WSW		.9	1.0	.1	.1							2.1	8.2
W		.5	.9	.7	.5	.2						2.8	12.5
WNW		.6	.7	1.1	.7	.1	.1					3.5	13.4
NW	.1	1.0	2.3	1.6	1.2	.2						6.6	11.7
NNW		1.0	2.1	3.3	2.3	.1						8.9	13.0
VARBL													
CALM												6.2	
	.5	15.5	34.0	27.9	13.2	2.5	.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	2.2	2.8	1.9							8.9	11.7
NNE	.2	.7	1.2	1.3	.5	.1						4.1	10.9
NE		1.3	1.3	1.9	.6	.1						5.4	10.7
ENE		1.2	1.5	1.8	.5							5.0	10.5
E	.1	1.7	1.8	1.3	.6							4.9	10.4
ESE		.9	1.1	1.1	.9							3.9	11.5
SE	.4	1.8	1.5	2.8	.6	.2						7.3	10.7
SSE	.1	1.5	2.4	2.1	1.3	.1						7.5	11.3
S		1.2	5.0	6.4	3.4	1.0						17.0	13.0
SSW	.1	.6	1.9	.2								2.9	7.5
SW		.7	1.8	.4	.1							3.0	8.5
WSW		1.0	.4	.1								1.5	6.7
W	.1	1.8	2.2	.2	.4							4.7	8.1
WNW		1.2	1.7	.6	1.0	.1						4.6	10.8
NW	.2	.9	1.3	2.2	.5	.1						5.2	11.1
NNW	.1	.9	1.8	2.3	1.3	.1	.1					6.7	12.6
VARBL													
CALM												7.3	
	1.5	18.6	29.2	27.7	13.6	1.9	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.7	4.1	2.5	.5	.0					11.1	13.2
NNE	.1	.4	1.0	1.2	.5	.1						3.4	11.9
NE	.0	.8	1.5	1.4	.4	.0						4.1	10.6
ENE		.8	1.5	1.4	.2							3.9	10.0
E	.0	.9	1.7	1.1	.3							4.1	9.7
ESE	.0	.6	1.2	1.2	.6	.0						3.6	11.3
SE	.1	1.0	1.8	1.8	.7	.1	.0					5.5	11.0
SSE	.1	1.3	2.2	2.1	1.2	.3	.0					7.3	11.8
S	.0	1.8	3.5	5.8	4.4	1.0	.1					16.6	13.7
SSW	.0	.6	1.3	1.3	.7	.2	.0					4.0	12.2
SW	.0	.7	.9	.7	.3	.2						2.7	10.5
WSW	.0	.6	.8	.5	.3	.1	.0					2.3	10.9
W	.0	.9	1.4	.8	.4	.3	.0					3.9	11.0
WNW	.0	1.2	1.5	1.2	.8	.3	.1	.0				5.0	11.7
NW	.1	.8	1.8	2.0	1.3	.3	.1					6.4	12.7
NNW	.0	.8	1.8	3.2	2.0	.5	.0					8.2	13.5
VARBL													
CALM												8.0	
	.6	14.4	26.4	29.5	16.6	4.0	.4	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

6559

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	2.0	1.8	.1	.3						5.2	10.6
NNE	.1		1.1	1.0	.3							2.5	11.2
NE		.3	.8	1.6	.3							2.9	11.9
ENE		.9	1.5	.6								3.0	8.3
E		2.0	2.1	.9	.5							5.5	8.8
ESE		.5	1.4	1.9	.8	.1						4.6	11.9
SE		1.5	2.3	2.3	.6							6.7	10.5
SSE		1.8	3.5	2.9	.6	.1						8.9	10.0
S	.1	1.9	6.8	6.9	3.9	.6						20.2	12.4
SSW	.1	1.8	2.1	1.0	.5							5.5	9.2
SW		.3	1.1	.5	.3							2.1	10.9
WSW		1.0	.4	.8	.3	.1						2.5	10.3
W		1.4	3.4	1.5	.4							6.7	9.5
WNW		1.1	1.9	2.1	.5							5.7	10.8
NW	.1	.5	2.5	1.8	.4	.1						5.4	10.8
NNW	.1	1.5	.8	2.0	.4	.1						4.9	10.4
VARBL													
CALM												7.7	
	.8	17.2	33.7	29.5	9.7	1.5						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

796

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586 SALINA MAP KS 73-81 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.0	1.7	.4							5.7	9.7
NNE	.1	.4	.8	.8	.4							2.4	10.3
NE		.6	.4	1.5	.3							2.8	11.1
ENE		1.0	1.3	1.1								3.4	9.0
E	.3	1.4	1.0	1.8	.1							4.6	9.0
ESE	.1	1.0	2.3	1.5	.4	.1						5.5	9.9
SE	.3	1.9	2.2	.5	.5	.1						5.5	8.8
SSE		1.9	3.6	2.2	.4							8.0	9.6
S	.1	2.4	5.2	7.4	3.6	.6						19.3	12.4
SSW		1.1	1.3	1.3	.5							4.2	10.1
SW		.8	.6	.5	.3							2.2	9.0
WSW		.4	.5	.4	.3							1.5	10.6
W	.1	1.1	1.8	2.0	.3	.3						5.6	10.3
WNW		1.3	2.8	1.9	.5	.1						6.6	10.2
NW		1.9	2.9	2.8	.3							7.9	9.7
NNW		1.4	1.1	3.0	.5							6.1	10.9
VARBL													
CALM												8.8	
	1.0	20.3	29.7	30.4	8.5	1.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APR  
MONTH

0600-0800  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	1.9	2.4	.9							6.7	10.9
NNE		.3	1.1	1.4	.3		.1					3.2	12.1
NE		1.0	1.4	.8	.4							3.5	9.6
ENE		.9	1.5	.8	.1							3.3	9.0
E	.1	1.9	1.3	1.4	.1	.1						4.9	9.0
ESE		.8	1.0	1.9	.1							3.8	10.9
SE	.3	1.8	2.4	2.0	.6							7.1	9.8
SSE	.1	.9	2.2	2.4	1.0	.4						7.0	11.8
S	.1	1.1	3.9	7.6	3.7	.6						17.1	13.4
SSW		1.0	1.5	1.8	.1							4.4	10.0
SW		1.1	.8	.6	.1							2.7	8.7
WSW		.4	.3	.3	.3							1.1	10.8
W	.1	1.1	.8	1.4	.6							4.1	10.8
WNW		1.8	3.0	1.4	.9	.4						7.5	10.8
NW		1.1	2.3	2.5	.8							6.7	10.9
NNW		1.5	2.7	2.8	1.1	.4						8.5	11.5
VARBL													
CALM												8.5	
	.9	18.1	28.0	31.4	11.1	1.9	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

790



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

774586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	3.6	4.1	2.9	.1						12.2	12.4
NNE		.4	1.0	1.1	1.0							3.6	12.4
NE		.5	1.5	1.4	.1							3.6	10.4
ENE		.4	1.0	1.8	.3							3.4	11.0
E		.5	1.8	1.5	.5							4.3	11.0
ESE		.6	1.8	1.7	.4							4.5	10.8
SE	.1	.3	1.1	2.7	1.0	.3						5.5	13.3
SSE		.4	1.5	2.5	1.5	.3	.1					6.4	14.0
S	.1	.8	3.2	6.2	7.6	1.8	.4					20.1	15.6
SSW		.4	.8	2.8	1.8							5.7	14.0
SW	.3	.4	.6	1.4	.1							2.8	10.6
WSW		.3	.9	1.0	.4							2.5	12.0
W		.4	1.0	1.1	.5	.1						3.2	12.6
WNW		.5	.9	1.3	1.0	.5						4.2	13.8
NW		.5	1.4	2.3	.9	.8	.3					6.1	14.5
NNW		.5	2.0	4.3	2.3	.6	.1					9.9	14.1
VARBL													
CALM												1.9	
	.5	8.3	24.2	37.3	22.4	4.5	.9					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

785

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.8	3.9	3.7	.6						11.1	14.2
NNE	.1	.4	1.1	2.1	.8							4.6	11.8
NE	.1	.5	.4	1.5	.6							3.2	12.0
ENE		.4	.5	1.6	.1							2.7	11.8
E		.5	2.1	1.6	.9	.1						5.3	11.9
ESE	.1	.4	.8	.9	.4							2.5	11.0
SE		.3	1.1	3.4	.3							5.1	12.7
SSE	.1	.5	1.5	2.8	2.4	.8						8.1	14.7
S	.1	.6	2.5	6.7	8.2	2.4	.1					20.7	16.0
SSW		.1	1.3	3.0	1.4	.4						6.2	14.4
SW		.1	.4	1.3	.3							2.0	13.1
WSW		.3	.1	.8	.4							1.5	13.1
W		.6	.4	.5	1.4	.1						3.0	14.1
WNW	.3	.4	1.0	.9	.9	.5	.1					4.0	13.9
NW	.1	.5	1.4	3.2	1.4	.6	.3					7.5	14.6
NNW	.1	1.3	1.9	2.9	2.9	.9	.1					10.1	14.2
VARBL													
CALM												2.4	
	1.1	8.0	18.3	37.2	25.9	6.4	.6					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.7	5.6	3.2	.3						11.8	13.5
NNE		.1	1.0	1.3	.3							2.7	11.7
NE	.1	.3	1.3	2.4	.5	.1						4.7	11.8
ENE		.5	.9	1.0	.5							2.9	11.5
E		.3	1.3	2.2	.8	.3						4.7	12.9
ESE		.4	1.0	.9	.1							2.4	10.0
SE	.1	.5	1.4	1.7	.4	.3						4.4	12.1
SSE	.1	.4	.6	2.9	3.2	.6						7.9	15.6
S		.5	1.9	9.2	9.1	1.7	.1					24.6	16.1
SSW		.1	.8	2.1	2.3	.4	.1					5.8	15.5
SW			.6	1.2	.1							1.9	11.5
WSW			.1	.1	.3							.5	14.5
W		.5	.6	.6	.9							2.7	12.3
WNW		1.2	1.3	2.2	.3	.3						5.1	11.3
NW		.6	1.3	2.8	1.9	.9						7.6	14.4
NNW		1.2	1.8	1.7	2.6	.8						7.9	13.9
VARBL													
CALM												4.2	
	.4	7.6	17.7	37.9	26.4	5.5	.3					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

780

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	3.7	2.8	.8	.4						9.6	10.9
NNE		.6	1.9	1.3	.9	.1						4.9	11.6
NE		.4	1.5	1.2	.3							3.3	10.6
ENE		.9	2.3	1.3	.1							4.6	9.4
E		1.2	2.7	1.8	.4							6.0	9.8
ESE		1.4	1.8	1.5	.1							4.9	9.3
SE		.6	1.7	1.7	.9	.1						5.0	11.7
SSE		1.0	3.7	3.2	2.7		.1					10.8	12.4
S		1.2	5.6	8.6	4.4	.5						20.2	13.0
SSW		.3	1.2	.6	.8							2.8	12.2
SW		.1	.5	.4	.3							1.3	11.8
WSW		.6	.5		.1							1.3	7.0
W		1.0	1.2	.4								2.6	7.6
WNW	.1	.8	1.9	1.5	.5							4.9	10.8
NW	.1	1.0	1.9	.9	1.3	.4						5.6	11.9
NNW		1.8	2.2	2.4	1.2	.3						7.8	11.4
VARBL													
CALM												4.5	
	.3	14.9	34.3	29.6	14.6	1.8	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

781

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	3.0	1.5	.6							6.7	9.9
NNE		.1	.5	.6								1.3	10.9
NE	.1	.5	.8	2.3								3.7	10.9
ENE		.8	1.0	1.1	.1							3.0	9.5
E		2.4	4.2	1.6	.3							8.4	8.6
ESE		1.1	3.9	1.5	.3							6.8	9.2
SE		1.9	2.6	2.6	.6	.1	.1					8.1	10.6
SSE		1.4	3.3	3.8	1.1							9.6	11.0
S		1.8	6.9	6.0	4.7							19.4	12.2
SSW		.8	2.1	.8	.3							3.9	9.4
SW		1.0	1.3	.5								2.8	7.9
WSW		.8	1.3	.4	.1							2.5	9.0
W	.1	1.4	2.1	.8								4.4	8.1
WNW	.1	1.1	2.1	1.4	.4		.1					5.3	9.9
NW	.1	1.1	1.1	.6	1.0	.6						4.7	12.3
NNW		1.0	1.6	.8	.8		.1					4.3	11.3
VARBL													
CALM												5.3	
	.5	18.6	37.9	26.3	10.2	.8	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

APR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	2.5	3.0	1.6	.2						8.6	11.9
NNE	.0	.3	1.1	1.2	.5	.0	.0					3.1	11.6
NE	.0	.5	1.0	1.6	.3	.0						3.5	11.0
ENE		.7	1.3	1.2	.2							3.3	9.9
E	.0	1.3	2.1	1.6	.4	.1						5.5	10.0
ESE	.0	.8	1.7	1.5	.3	.0						4.4	10.3
SE	.1	1.1	1.9	2.1	.6	.1	.0					5.9	11.1
SSE	.0	1.0	2.5	2.8	1.6	.3	.0					8.3	12.3
S	.1	1.3	4.5	7.3	5.6	1.0	.1					20.0	13.9
SSW	.0	.7	1.4	1.7	1.0	.1	.0					4.8	12.1
SW	.0	.5	.7	.8	.2							2.2	10.2
WSW		.5	.5	.5	.3	.0						1.7	10.6
W	.0	1.0	1.4	1.0	.5	.1						4.0	10.4
WNW	.1	1.0	1.9	1.6	.6	.2	.0					5.4	11.2
NW	.1	.9	1.9	2.1	1.0	.4	.1					6.4	12.4
NNW	.0	1.3	1.8	2.5	1.5	.4	.0					7.4	12.5
VARBL													
CALM												5.4	
	.7	14.1	28.0	32.4	16.1	3.0	.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

6304

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	3.1	.8	.8							5.8	9.7
NNE		.3	.8	.9								1.9	10.1
NE		1.3	1.5	.6	.1							3.6	8.5
ENE		.6	1.5	.4		.1						2.7	8.8
E		2.2	3.2	1.7	.3							7.3	8.7
ESE		1.4	3.0	1.2	.1							5.7	8.7
SE	.1	1.3	2.1	.5	.3							4.3	8.7
SSE	.3	2.2	2.8	2.3	.4							8.0	9.3
S		5.0	8.0	4.6	4.0	.5						22.2	11.0
SSW		1.9	2.6	.5								5.0	7.0
SW		1.5	1.2	.8	.1	.1						3.7	9.1
WSW		.8	.3	.5	.1							1.7	9.5
W	.1	1.2	1.3	.3								2.8	7.5
WNW	.1	2.2	1.9	.8	.1							5.2	7.7
NW		1.8	1.2	.4	.4							3.7	8.5
NNW		1.3	1.3	.4	.3							3.2	8.6
VARBL													
CALM												13.1	
	.6	26.2	35.7	16.6	7.0	.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 776

USAFETAC

FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	2.6	1.7	.1							6.7	8.8
NNE		.1	.6	.5	.3							1.5	11.7
NE		.9	2.6	1.0			.1					4.6	9.7
ENE	.1	1.0	1.2	.3	.1							2.7	8.0
E		1.3	2.7	.8	.1							4.9	8.6
ESE		1.4	1.8	1.0								4.3	8.5
SE		1.7	1.7	.8	.1							4.3	8.1
SSE	.1	2.7	2.8	.9	.5							7.1	8.4
S	.1	4.9	6.7	6.6	2.6	.5						21.4	10.8
SSW		2.1	1.7	.4	.4							4.5	8.0
SW		.6	.8	.1	.1	.1						1.8	9.5
WSW		.4	.6	.9								1.9	9.7
W	.1	1.7	.9	.4	.1							3.2	7.3
WNW		3.5	3.1	.9	.1							7.6	7.5
NW	.1	1.8	1.4	1.3								4.6	8.1
NNW		.8	1.3	.5	.4							3.0	9.7
VARBL													
CALM												15.9	
	.6	27.2	32.5	18.0	5.0	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

776



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704586 SALINA MAP KS 73-81 MAY  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	4.3	2.5	.1							7.9	9.5
NNE		.6	1.1	.9								2.6	8.8
NE		.4	1.7	.1	.5							2.7	9.8
ENE	.1	.7	2.0	.7	.1							3.7	8.9
E	.1	1.0	2.2	1.7	.1							5.2	9.8
ESE		1.4	1.6	.7	.1							3.8	9.8
SE	.1	1.1	1.7	1.0	.1							4.1	9.9
SSE		3.3	4.4	1.0	.1							8.9	7.7
S	.1	3.6	5.2	8.8	1.6	.4						19.6	11.3
SSW		1.5	.9	1.4	.2							4.0	9.7
SW	.1	1.0	.7	.2	.1							2.2	7.5
WSW	.1	.5	.5	.2								1.4	7.7
W		1.1	.9	.7	.4							3.1	9.6
WNW	.2	2.7	2.6	.7	.4							6.7	7.7
NW		2.0	1.7	1.7								5.4	8.8
NNW		1.9	2.2	1.5	.6							6.2	9.5
VARBL													
CALM												12.6	
	1.0	23.7	33.8	24.0	4.6	.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	4.3	3.7	.4	.2						11.4	9.8
NNE		.7	1.0	1.5	.4							3.5	10.5
NE		.1	1.7	.6	.1							2.6	10.0
ENE		.6	1.6	1.1								3.3	9.0
E	.1	1.0	2.7	1.6	.1							5.5	9.1
ESE		1.2	2.1	1.7	.1							5.1	9.7
SE		1.7	2.3	2.0	.4							6.4	9.6
SSE		.5	3.2	3.3	.4							7.3	11.1
S		1.1	6.4	8.6	5.5	.4						21.9	13.2
SSW		.9	2.4	1.6	.5	.2						5.6	11.1
SW		.7	.6	1.2	.2							2.8	10.3
WSW		.5	.9	.6		.1						2.1	10.0
W		.9	.9	.7	.2	.1						2.8	10.2
WNW		1.3	1.1	1.0	.5	.1						4.0	10.3
NW	.1	.9	1.0	2.4	.6							5.0	11.6
NNW		.9	3.1	2.8	.1							6.9	10.4
VARBL													
CALM												3.7	
	.4	15.7	35.1	34.4	9.5	1.2						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	5.0	4.2	1.1							11.7	11.0
NNE	.1	.4	1.7	1.8								4.1	10.7
NE		.6	1.4	.9	.1							3.0	9.8
ENE		.9	1.5	1.4								3.7	9.4
E	.1	.4	2.5	2.5	.2							5.7	10.6
ESE		1.2	1.2	1.2	.1							3.8	9.3
SE		.7	1.6	2.2	.4							4.9	10.9
SSE		.6	3.6	3.1	1.1							8.4	11.2
S	.4	1.2	4.4	11.1	5.9	.9						23.9	13.8
SSW			1.1	2.3	1.1	.2						4.8	14.2
SW	.1	.4	1.0	1.0								2.5	10.2
WSW		.6	.7	.1								1.5	7.3
W	.1	.5	1.8	1.1	.4							3.9	10.3
WNW		.5	.9	.6	.4	.5						2.8	12.7
NW		.7	2.1	1.4	.2	.2						4.7	11.1
NNW	.2	1.1	1.4	3.9	.7							7.4	11.6
VARBL													
CALM												3.4	
	1.1	11.2	31.9	38.7	11.8	1.8						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

813

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586

SALINA MAP KS

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	4.4	4.2	.6							11.3	10.4
NNE	.1	.9	1.1	1.6	.1							3.8	10.0
NE		.6	1.8	1.1	.1							3.7	10.0
ENE		1.1	2.1	.6	.1							3.9	9.1
E	.1	1.8	3.2	2.1	.4							7.6	9.6
ESE		.9	1.3	1.2	.2							3.7	10.3
SE	.1	.4	1.2	2.1	.4							4.2	11.7
SSE	.1	1.0	2.0	3.1	2.0	.1						8.2	12.7
S		.9	7.0	9.8	6.1	.1						23.9	13.4
SSW		.4	1.7	1.8	.7	.1						4.8	12.1
SW		.4	.6	.5	.1	.1						1.7	11.1
WSW		.1	.5	.9	.1							1.6	12.4
W		.5	.7	.7	.2							2.2	11.1
WNW		1.1	2.2	.9	.4	.4						4.9	10.3
NW		.9	1.6	1.8	.4	.1						4.8	11.6
NNW		.9	2.7	2.8	.4		.1					6.9	11.3
VARBL													
CALM												2.9	
	.5	13.7	34.2	35.2	12.4	1.0	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	3.9	1.8								8.1	8.5
NNE		.7	1.1	.4	.2							2.5	9.1
NE		1.6	3.3	1.0								5.9	8.1
ENE	.1	2.5	3.3	.7								6.7	7.3
E		2.8	4.3	1.8								9.0	8.4
ESE		1.1	2.7	1.1	.1							5.0	9.3
SE		1.5	2.5	1.5								5.4	9.2
SSE	.1	1.4	4.7	4.3	1.0							11.5	10.5
S	.1	2.8	7.8	6.5	2.8							20.1	10.9
SSW		.6	.9	.2								1.7	8.0
SW		.6	1.0	.2								1.8	8.4
WSW	.2	1.0	1.2	.4	.2							3.1	8.5
W	.1	.5	.5	.2								1.4	7.5
WNW	.1	1.8	.9	.5	.4							3.7	8.2
NW		.7	2.2	1.2	.1							4.3	9.8
NNW	.1	2.1	1.8	1.4								5.4	8.5
VARBL													
CALM												4.4	
	1.0	24.1	42.1	23.4	4.9							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	2.1	1.0	.1							5.1	8.4
NNE		.9	1.4	1.0								3.2	9.0
NE		1.6	2.1	.9	.1							4.7	8.3
ENE	.1	1.5	1.5	.1	.1							3.4	7.3
E		3.5	2.9	2.1	.2							8.7	8.5
ESE		1.7	2.6	1.5	.1							6.0	8.8
SE	.1	2.6	3.5	1.5	.7	.1						8.6	9.1
SSE		2.5	4.7	3.6	.9							11.7	10.1
S		3.4	7.2	5.0	1.5	.1						17.1	10.1
SSW		1.2	1.4	.2	.4							3.2	8.3
SW		1.1	1.5	.5								3.1	8.1
WSW		1.2	.5	.1	.1							2.0	7.0
W	.1	1.1	1.2	.5								3.0	7.5
WNW		2.2	.9	.5								3.6	7.0
NW		1.2	1.0	.5	.5							3.2	9.7
NNW	.1	2.2	1.5	.5	.1							4.5	7.4
VARBL													
CALM												8.9	
	.5	29.9	35.9	19.5	5.0	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

805

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.9	3.7	2.5	.4	.0						8.5	9.7
NNE	.0	.6	1.1	1.1	.1							2.9	10.0
NE		.9	2.0	.8	.1		.0					3.8	9.1
ENE	.1	1.1	1.8	.7	.1	.0						3.8	8.4
E	.1	1.7	3.0	1.8	.2							6.7	9.1
ESE		1.3	2.0	1.2	.1							4.7	9.1
SE	.1	1.4	2.1	1.4	.3	.0						5.3	9.5
SSE	.1	1.8	3.5	2.7	.8	.0						8.9	10.2
S	.1	2.8	6.6	7.6	3.8	.4						21.3	11.9
SSW		1.1	1.6	1.1	.4	.1						4.2	10.1
SW	.0	.8	.9	.6	.1	.0						2.5	9.2
WSW	.0	.6	.7	.5	.1	.0						1.9	9.0
W	.1	.9	1.0	.6	.2	.0						2.8	8.9
WNW	.1	1.9	1.7	.7	.3	.1						4.8	8.6
NW	.0	1.2	1.5	1.4	.3	.0						4.5	10.0
NNW	.1	1.4	1.9	1.7	.3		.0					5.4	9.9
VARBL													
CALM												8.0	
	.7	21.4	35.2	26.4	7.5	.8	.0					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

6425

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-79.81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	1.1	1.1	.3							4.1	9.0
NNE	.1		.6	.1	.3							1.1	11.0
NE		.6	.7	.7								2.0	9.2
ENE	.1	.6	.9	.4	.1							2.1	9.0
E		2.1	1.6	.7	.3							4.7	8.3
ESE		1.0	2.6	.7								4.3	8.5
SE		1.4	3.4	2.0								6.9	9.2
SSE		3.3	3.9	2.6	.6							10.3	9.4
S	.1	6.2	13.0	11.0	5.7	.4						36.5	11.3
SSW		1.9	1.0	.4	.3							3.6	8.1
SW	.1	1.1	.9									2.1	6.1
WSW		1.4	.3									1.7	5.7
W	.1	1.0	1.0									2.1	6.3
WNW		2.6	1.6	.1								4.3	6.4
NW		.9	.4		.3							1.6	8.5
NNW		1.4	.6	.4	.1							2.6	8.3
VARBL													
CALM												9.9	
	.7	27.0	33.5	20.5	8.0	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

699



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	1.5	.7	.1							3.6	8.7
NNE		.3	1.2	.4	.3							2.2	10.1
NE		.8	1.2	1.4	.1							3.6	9.7
ENE		.3	1.0	.6	.1							1.9	10.0
E		1.7	2.3	1.2	.1							5.4	8.6
ESE	.1	1.2	2.3		.4							4.1	8.4
SE		1.4	3.7	.7								5.8	8.4
SSE		2.3	2.6	1.8	.3							7.0	8.6
S	.4	5.8	10.5	10.6	4.4	.1						31.9	10.9
SSW		1.7	.8	1.9	.6							5.0	10.5
SW		1.1	.6	.1	.1							1.9	7.1
WSW		1.1	.6	.1	.1							1.9	7.1
W		1.0	1.0	.3	.3							2.9	8.0
WNW		1.8	1.7	.3								3.7	7.1
NW	.1	1.7	.6	.6								2.9	7.1
NNW		1.0	.7	.3	.3							2.2	8.2
VARBL													
CALM												14.2	
	.7	24.3	32.3	21.0	7.3	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	1.8	1.1	.3							4.8	9.2
NNE		.3	1.0	.4		.1						1.8	10.5
NE		.8	2.0	.5	.3							3.5	9.4
ENE		.6	1.6	.6								2.9	9.2
E		1.1	2.0	1.0	.3							4.4	9.3
ESE		1.3	2.6	1.1								5.0	8.7
SE	.1	1.1	2.1	1.3	.3							4.9	9.3
SSE		2.5	3.4	3.2	.5							9.6	9.7
S	.1	3.0	9.5	9.5	5.5	.6						28.2	12.2
SSW		2.4	2.1	2.1	.5							7.2	9.6
SW		1.0	1.3	.4								2.6	7.1
WSW		1.0	.5	.4								1.9	7.7
W		1.3	.9	.5	.1							2.8	8.1
WNW		1.8	1.3	.4								3.4	7.0
NW		1.3	.8	.8	.1							2.9	8.6
NNW		1.9	1.3	1.0	.4							4.5	8.9
VARBL													
CALM												9.5	
	.3	23.0	34.2	24.2	8.2	.8						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

793

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586      SALINA MAP KS      73-81      JUN  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      0900-1100  
CLASS      HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	1.9	1.3	.8							6.0	9.8
NNE		1.0	.9	1.3	.1	.1						3.4	9.9
NE		.6	1.5	1.7	.3							4.1	10.8
ENE		.4	1.5	1.1	.4							3.4	11.1
E		1.1	2.0	1.1								4.3	8.5
ESE		.4	2.0	1.5	.1							4.1	10.0
SE		1.0	2.2	2.2	.6							6.0	10.7
SSE		.6	2.3	3.3	1.7							7.9	12.3
S		2.0	6.6	12.5	5.8	1.4						28.3	13.3
SSW		1.0	2.7	3.7	1.9							9.3	12.3
SW		.5	1.3	1.9	.1							3.8	11.2
WSW	.1	1.1	.8	.9	.4							3.3	9.6
W		.8	1.4	.1	.3		.1					2.7	9.6
WNW		1.3	1.0	.8								3.0	8.1
NW		.5	1.0	1.1	.3							2.9	10.7
NNW		1.3	.5	1.4	.4							3.6	10.0
VARBL													
CALM												3.9	
	.1	15.8	29.6	35.8	13.1	1.5	.1					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS      787

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	2.0	1.7	1.0	.1						6.0	11.2
NNE		.6	.9	1.0	.9							3.4	12.5
NE		1.3	1.9	1.1	.3							4.6	9.3
ENE		1.0	1.1	1.4	.1							3.7	9.8
E		1.0	2.8	1.5	.1							5.5	9.9
ESE		1.1	2.8	1.8	.1							5.8	9.7
SE		.5	2.3	2.4	.6							5.8	11.1
SSE		.9	2.3	2.7	1.9	.3						8.0	12.5
S		1.9	5.3	11.3	7.6	.1						26.3	13.5
SSW		.4	1.7	4.2	1.1	.1						7.5	12.9
SW		.6	2.2	1.3	.3	.1						4.4	10.4
WSW		.6	1.1	.6								2.4	8.8
W		.6	1.9	.8		.1						3.4	9.2
WNW	.1	.3	1.5	1.8	.1	.1	.1					4.1	11.9
NW		.6	.9	1.0	.1							2.7	10.1
NNW		.9	1.1	1.1	.1							3.3	10.0
VARBL													
CALM												3.0	
	.1	13.6	31.9	35.7	14.5	1.0	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

787

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586      SALINA MAP KS      73-81      JUN  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      1500-1700  
CLASS      HOURS (L & T)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	2.0	3.5	.6							6.8	11.9
NNE	.1	.3	1.1	1.0	.1							2.7	10.4
NE		.4	1.0	1.1	.4							2.9	11.0
ENE		.5	2.5	1.6	.3							4.9	9.9
E		.3	3.3	3.5	.3			.1				7.5	11.5
ESE		.6	2.4	1.8	.5							5.3	10.6
SE		1.1	2.4	2.3	.4							6.2	10.6
SSE	.3	.5	2.2	4.7	1.8	.1						9.5	12.8
S		1.4	5.3	10.8	7.3	.8						25.6	13.9
SSW	.1	1.1	1.9	1.0	1.8	.1						6.1	12.1
SW		.5	1.5	1.5	.3							3.8	11.0
WSW		.8	1.1	.3	.3							2.4	9.2
W	.1	.4	1.0	.9	.3							2.7	10.2
WNW		1.1	1.0	.8	.3	.4						3.5	10.9
NW		.4	1.5	1.1	.3							3.3	10.0
NNW		.8	2.2	1.0	.4							4.3	9.7
VARBL													
CALM												2.5	
	.6	10.8	32.5	37.0	15.1	1.4		.1				100.0	11.5

TOTAL: NUMBER OF OBSERVATIONS      790

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	2.7	2.0	.4							6.6	9.8
NNE		.4	1.5	1.6								3.5	10.5
NE		1.1	1.9	.6								3.7	8.0
ENE		.8	2.5	.6	.4							4.3	9.6
E		2.1	4.0	2.3	.3							8.7	9.2
ESE		2.1	3.5	2.3	.1							8.1	9.1
SE		1.1	3.2	3.4	.8							8.5	10.9
SSE		1.3	5.9	4.9	1.3	.1						13.5	10.9
S	.1	1.0	7.6	10.1	3.8	.1						22.8	12.4
SSW		.6	1.3	1.3	.1							3.3	10.2
SW		.5	.5	.3	.1							1.4	8.9
WSW		.5	.3		.1							.9	7.6
W		.5	.6	.4	.1							1.6	9.8
WNW		.6	.6	.6	.3							2.1	10.0
NW		.8	1.3	.6								2.7	8.4
NNW		1.4	1.8	.9								4.0	8.4
VARBL													
CALM												4.3	
	.1	16.4	39.2	32.0	7.7	.3						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

791

AD-A122 720

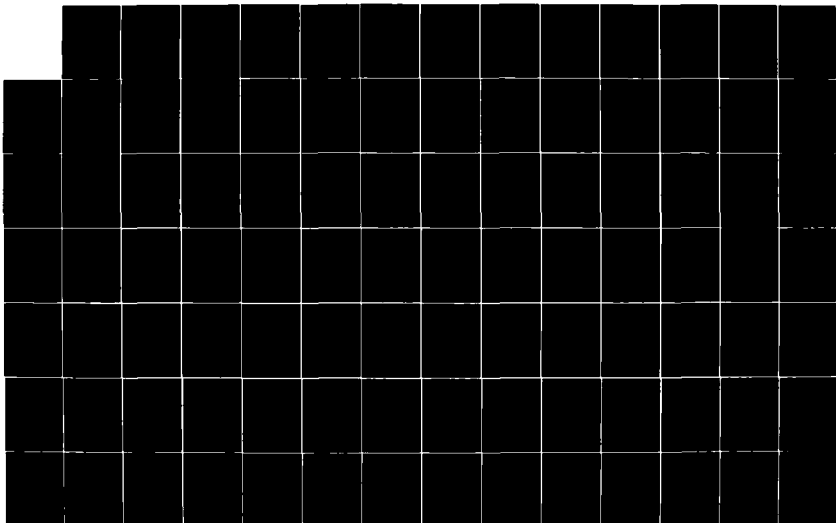
SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82  
USAFETAC/DS-82/088 SBI-AD-6860 213

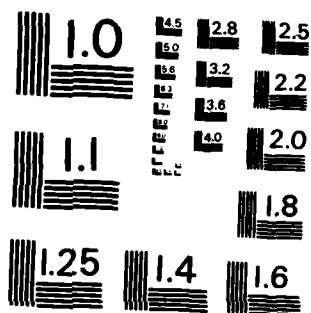
2/6

UNCLASSIFIED

PAG 4/2

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704586 SALINA MAP KS 73-81 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.4	.4	.1							4.1	8.2
NNE		.9	1.2	.5	.3							2.9	9.5
NE		.7	2.1	.4	.1							3.3	8.8
ENE		1.2	1.5	.4								3.0	7.7
E		1.3	2.6	1.1								5.0	8.5
ESE		1.5	3.6	2.0	.1							7.1	9.1
SE	.3	2.4	5.4	2.5								10.6	8.7
SSE		2.8	5.1	7.1	1.6							16.6	11.2
S		4.1	8.7	9.4	2.8	.1						25.1	11.2
SSW		1.8	1.5	.8	.3	.1						4.5	8.5
SW		.9	.7	.1								1.7	6.8
WSW		.5	.1	.1								.8	7.5
W		1.2	.8	.1	.1							2.2	7.4
WNW		.4	.8	.1								1.3	7.5
NW		.4	1.2	.1								1.7	8.0
NNW	.1	.7	1.6	.5	.1							3.0	8.8
VARBL													
CALM												7.0	
	.4	21.9	39.2	25.7	5.5	.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	1.9	1.5	.5	.0						5.3	10.0
NNE	.0	.5	1.1	.8	.2	.0						2.7	10.6
NE		.8	1.6	.9	.2							3.5	9.5
ENE	.0	.7	1.6	.9	.2							3.3	9.6
E		1.3	2.6	1.6	.2			.0				5.7	9.4
ESE	.0	1.2	2.7	1.4	.2							5.5	9.3
SE	.0	1.3	3.1	2.1	.3							6.8	9.8
SSE	.0	1.7	3.5	3.0	1.2	.1						10.3	11.0
S	.1	3.1	8.2	10.6	5.4	.5						27.9	12.3
SSW	.0	1.4	1.6	2.0	.8	.0						5.8	11.0
SW	.0	.8	1.1	.7	.1	.0						2.8	9.2
WSW	.0	.9	.6	.3	.1							1.9	8.2
W	.0	.8	1.1	.4	.1	.0	.0					2.5	8.7
WNW	.0	1.2	1.2	.6	.1	.1	.0					3.2	8.7
NW	.0	.8	1.0	.7	.1							2.6	9.0
NNW	.0	1.2	1.2	.8	.2							3.5	9.1
VARBL													
CALM												6.7	
	.4	18.9	34.1	29.2	10.0	.7	.0	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

6129

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586 STATION SALINA MAP KS 73-79,81 YEARS JUL MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	.7	.7								2.5	8.8
NNE		.6	.6	.6								1.7	8.8
NE		1.1	2.1	.8	.1							4.1	9.3
ENE	.1	1.0	1.7	.3	.1							3.2	7.9
E		2.1	2.9	.7								5.6	7.9
ESE	.1	1.7	2.2	.8								4.8	8.2
SE		2.3	2.3	1.0								5.6	7.6
SSE		2.6	5.2	3.2	.6	.1						11.7	9.8
S		5.6	13.6	15.0	2.8	.7						37.7	11.0
SSW		1.5	2.5	.7								4.7	8.1
SW		.3	.4	.3	.3							1.2	11.0
WSW	.1	.7	.3	.1								1.2	6.0
W		1.2	.6	.1	.1							2.1	7.5
WNW	.1	.4	1.1	.3	.1							2.1	8.3
NW		.7	1.2	.4								2.3	8.3
NNW		.7	1.0	.4								2.1	8.4
VARBL													
CALM												7.3	
	.6	23.6	38.3	25.3	4.1	.8						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.4	.4	.3							3.0	9.0
NNE		.4	1.2	.5	.1							2.2	10.2
NE		1.1	1.1	.3								2.4	6.8
ENE		1.6	1.4	.3	.1							3.4	7.7
E		2.0	1.7	.9								4.6	7.9
ESE		.8	1.8	.7								3.3	8.3
SE		1.7	1.4	.5								3.7	7.6
SSE		2.5	4.2	.9		.1						7.8	8.1
S		5.5	16.3	14.7	1.3	.3						38.2	10.3
SSW		1.6	2.5	.7	.3							5.0	8.7
SW		1.4	.9	.4								2.8	7.0
WSW		.5	.3									.8	5.8
W		1.2	.1	.3								1.6	6.8
WNW		1.7	1.2	.4								3.3	6.8
NW	.1	2.4	1.1	.1								3.7	6.0
NNW		1.1	1.1	.4								2.5	7.6
VARBL													
CALM												11.8	
	.1	26.3	37.8	21.4	2.1	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

JUL

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	2.1	.5								3.8	8.0
NNE		.2	1.0	1.0	.2							2.5	10.7
NE		.7	2.1	1.1								3.9	9.3
ENE		.2	1.7	.7	.1							2.8	9.9
E	.1	1.0	1.7	1.1	.1							4.0	9.0
ESE		1.5	1.3	.9	.1							3.8	8.7
SE		1.2	2.3	.7	.5	.1						4.9	9.9
SSE		1.3	3.3	.9	.4							5.9	9.0
S	.1	5.8	13.1	13.5	3.4	.1						36.1	10.8
SSW	.1	1.5	2.6	4.0	.7							9.0	11.1
SW	.1	1.5	1.1	.9								3.6	7.9
WSW		1.1	.5									1.6	5.9
W		.5	1.1									1.6	7.1
WNW		1.2	.6	.2								2.1	6.2
NW		1.2	2.0	.4								3.6	7.7
NNW		1.5	.9	.5	.1							2.9	7.8
VARBL													
CALM												8.0	
	.6	21.6	37.4	26.4	5.8	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

815

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	3.1	1.2	.6							5.9	9.9
NNE		.7	1.2	.5								2.5	8.6
NE		.5	2.1	.9	.4							3.8	10.6
ENE		1.1	1.4	2.0	.1							4.6	10.0
E		1.0	1.5	2.1	.1							4.7	9.9
ESE	.1	1.2	1.6	1.0	.2							4.2	9.1
SE	.1	.6	1.2	1.6	.6	.1						4.3	11.4
SSE		1.6	1.7	2.0	1.0							6.3	10.5
S	.4	1.7	7.5	12.2	5.9	.1						27.8	12.6
SSW		.5	3.1	5.9	4.3	.1						13.9	13.8
SW	.1	1.0	2.6	2.6	.7	.1						7.1	11.1
WSW		1.2	1.0	1.1								3.3	8.6
W		.2	2.0	.4								2.6	9.0
WNW		.5	1.0	.5								2.0	8.9
NW		.2	.4	.2								.9	8.6
NNW		.6	.5	.7								1.8	9.1
VARBL													
CALM												4.3	
	.7	13.8	31.8	34.9	14.0	.5						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

812

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.1	2.0	.2							5.5	10.0
NNE		.6	2.2	2.0	.1							4.9	10.2
NE		.5	2.7	1.7								4.9	9.8
ENE		.6	2.3	.7	.2							3.9	9.0
E		.6	2.6	1.8	.4							5.4	10.5
ESE		1.5	1.7	2.4								5.6	9.7
SE	.1	1.0	2.9	1.8	.2							6.1	9.7
SSE		.9	2.7	3.1	.7	.1						7.5	11.3
S	.2	1.3	4.6	12.3	7.2	.5						26.3	13.9
SSW	.2	.9	3.1	6.2	3.3	.5						14.2	13.5
SW		.4	1.6	1.3	.6	.1						4.0	11.8
WSW		.5	.9	.9	.1							2.3	10.7
W		.6	.9	.5								2.0	8.2
WNW			.4	.1								.5	10.0
NW		.2	.7	.5								1.5	9.1
NNW			1.3	.7								2.1	10.5
VARBL													
CALM												3.4	
	.6	10.8	32.6	38.1	13.2	1.2						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 818

GLCBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	2.4	1.7	.1							4.7	9.9
NNE		.6	1.9	2.2	.2							5.0	10.6
NE		.6	3.6	1.7	.6							6.5	10.5
ENE		.4	2.1	1.5	.1							4.0	9.9
E		1.1	3.0	2.2	.1	.1						6.5	10.1
ESE		.7	2.8	2.5	.6							6.7	10.9
SE		1.0	2.1	2.4	.2							5.7	10.7
SSE		.5	1.9	4.1	1.5							8.0	12.9
S	.1	1.5	5.2	15.0	7.4	.2						29.5	13.8
SSW		.6	2.3	4.0	2.7	.1						9.7	13.6
SW		.5	1.5	1.8	.6	.1						4.5	11.9
WSW		.7	.5	.4	.1	.1						1.8	10.3
W		.4	.5		.1							1.0	8.3
WNW		.2	.4	.5								1.1	9.2
NW		.6	.4	.1								1.1	6.6
NNW		.2	1.0	.6	.1							1.9	10.1
VARBL													
CALM												2.3	
	.1	10.1	31.5	40.7	14.5	.7						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 825



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.6	1.5	.6			.1				4.4	11.6
NNE		.6	2.1	1.7	.4							4.8	10.7
NE		1.1	3.2	2.2	.4							6.9	9.9
ENE		.5	2.9	2.0	.1							5.5	10.1
E		1.0	4.0	2.8	.2							8.1	10.0
ESE		.7	3.6	1.8		.1						6.3	9.8
SE		.6	4.7	3.8	.1							9.2	10.7
SSE		.7	3.7	5.4	.9							10.7	11.7
S	.2	3.2	8.0	13.0	4.5	.4						29.3	12.1
SSW	.1	.9	2.0	2.0	.4							5.3	10.4
SW		.4	.5	.2		.1						1.2	10.5
WSW		1.1	.5	.2								1.8	7.3
W		.2	.5									.7	8.2
WNW		.2	.2	.1	.1							.7	9.7
NW		.1	.1	.4	.1							.7	11.3
NNW		.4	.7	.7	.1			.1				2.1	12.1
VARBL													
CALM												2.2	
	.4	12.4	38.3	37.9	8.0	.6		.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586 STATION SALINA MAP KS 73-81 YEARS JUL MONTH  
2100-2300 HOURS (LST)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.5	.8								3.3	8.3
NNE		.5	1.3	.8	.3							2.8	10.2
NE		1.0	3.1	1.3	.4							5.8	9.5
ENE		1.3	2.5	1.5		.1						5.4	9.3
E		2.0	5.2	1.6	.1							8.9	8.5
ESE		.8	4.2	.9	.1							5.9	8.6
SE		1.0	5.5	3.5	.1							10.2	9.9
SSE		2.1	7.0	8.6	1.1							18.9	11.0
S		3.9	11.1	7.3	1.5	.1						23.9	10.2
SSW		1.0	1.3	.5								2.8	8.0
SW		.3	.8									1.0	7.1
WSW		.6	.3		.1							1.0	7.9
W		.6	.4		.1							1.1	7.4
WNW		.4	.4									.8	6.8
NW		.5	.4	.1								1.0	7.5
NNW		.5	.3	.5	.3							1.5	10.2
VARBL													
CALM												5.8	
		17.5	45.0	27.3	4.2	.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586      SALINA MAP KS      73-81      JUL  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      NORTH  
CLASS      ALL  
CONDITION      HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.9	1.9	1.1	.2			.0				4.2	9.6
NNE		.5	1.4	1.2	.2							3.3	10.2
NE		.8	2.5	1.3	.2							4.8	9.7
ENE	.0	.8	2.0	1.1	.1	.0						4.1	9.3
E	.0	1.3	2.8	1.7	.1	.0						6.0	9.3
ESE	.0	1.1	2.4	1.4	.1	.0						5.1	9.4
SE	.0	1.2	2.8	1.9	.2	.0						6.2	9.8
SSE		1.5	3.7	3.5	.8	.0						9.5	10.7
S	.1	3.5	9.8	12.9	4.3	.3						31.0	11.8
SSW	.1	1.0	2.4	3.1	1.5	.1						8.2	12.1
SW	.0	.7	1.2	1.0	.3	.1						3.2	10.3
WSW	.0	.8	.5	.3	.0	.0						1.8	8.3
W		.6	.8	.2	.0							1.6	7.9
WNW	.0	.6	.6	.3	.0							1.5	7.8
NW	.0	.7	.8	.3	.0							1.8	7.7
NNW		.6	.8	.6	.1			.0				2.1	9.3
VARBL													
CALM												5.6	
	.4	16.8	36.5	31.7	8.4	.6		.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS      6366

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 774586 STATION NAME SALINA MAP KS YEARS 73-81 MONTH AUG  
CLASS ALL WEATHER HOURS (L & T) 0000-2200

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.2	.8	.3							3.2	9.5
NNE		.3	.6	.6								1.6	9.8
NE		.6	1.2	1.0								2.8	9.2
ENE		.8	1.6	.8								3.1	8.2
E		.9	1.0	.9								2.8	8.6
ESE		.9	2.1	.5								3.5	8.1
SE		2.3	4.3	1.7	.3							8.5	9.0
SSE		3.2	6.7	3.4	.1							12.7	8.9
S	.1	5.0	12.9	16.0	3.8	.3						38.2	11.2
SSW		.3	1.4	.6	.1							2.5	10.1
SW		.6	.5	.1	.1							1.4	7.8
WSW		1.2	.3	.3								1.4	6.6
W	.1	.9	1.0	.3	.3							2.6	8.3
WNW		1.3	1.2	.3	.1							2.8	7.8
NW		1.8	1.4	.3	.4							3.9	8.4
NNW		.9	.6	.3	.3							2.1	9.1
VARBL													
CALM												6.9	
	.3	22.1	37.0	27.8	5.7	.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 704586 SALINA MAP KS STATION NAME YEARS 73-81 MONTH AUG  
ALL WEATHER CLASS 0300-0500 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	1.8	.4								3.5	7.8
NNE		.1	.8	.4	.1							1.4	10.2
NE	.1	.6	1.1	1.0		.1						3.0	10.0
ENE		.9	1.6	1.1	.1							3.8	8.9
E		1.4	1.1	.5	.1							3.2	8.2
ESE		1.4	.8	.3								2.4	6.9
SE	.1	2.7	2.2	.6	.3							5.8	8.1
SSE		3.2	4.6	1.6	.4							9.7	8.7
S	.4	6.7	12.8	14.7	3.5	.1						38.2	10.7
SSW		.5	1.0	1.1	.1							2.8	10.1
SW		.8	.5	.1			.1					1.5	8.8
WSW		.6	.3	.5	.3	.1						1.8	10.9
W		1.1	1.4	.3	.1							2.9	7.7
WNW		2.7	1.6	.3	.1							4.7	7.1
NW		1.5	1.5	.1	.1							3.3	7.7
NNW	.1	1.0	.3	.3								1.6	6.6
VARBL													
CALM												10.3	
	.8	26.6	33.3	23.3	5.3	.4	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586 STATION NAME SALINA MAP KS 73-81 YEARS AUG MONTH  
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	1.6	.7								3.9	8.2
NNE	.1	.6	.6	.7	.8							2.4	10.1
NE		.6	.7	.6								2.3	8.6
ENE		1.1	1.3	.9	.2							3.5	9.5
E		1.2	1.0	1.1								3.3	8.7
ESE		1.3	1.2	.8								2.9	7.5
SE	.4	1.7	2.3	.7	.8							5.5	8.8
SSE	.1	2.6	4.0	3.1	.1							9.9	9.0
S	.4	4.3	15.0	14.8	8.0	.1						38.3	11.0
SSW		.7	2.1	2.1	.7							5.6	11.3
SW		.6	1.0	.5	.2							2.3	9.7
WSW		.9	.8	.2								1.5	7.5
W	.1	1.0	.9	.2								2.2	7.2
WNW		.7	1.1	.8								2.2	7.9
NW	.1	1.2	1.6	.5								3.4	7.8
NNW	.1	.9	.7	.5	.1							2.3	8.0
VARBL													
CALM												8.7	
	1.3	21.0	35.6	27.0	6.2	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586 SALINA MAP KS 73-81

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

AUG NORTH

0900-1100

HOURLS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.3	1.5	.4							4.9	10.4
NNE		1.0	1.2	1.5	.1							3.8	9.5
NE		1.2	1.2	.9								3.3	8.4
ENE		.4	2.0	.4	.2							2.9	9.6
E		.6	2.8	1.1	.1							4.6	9.6
ESE		1.6	2.1	.5	.1							4.3	7.8
SE		.5	1.3	1.3	.5							3.7	11.1
SSE		.7	3.2	2.1	.7	.2						7.0	11.2
S		1.6	7.9	16.4	7.6	.2						33.7	13.2
SSW		.5	2.2	5.9	2.8	.1						11.5	13.7
SW	.1	.2	1.5	1.6	.7							4.2	11.6
WSW		.6	.6	.4	.1							1.7	9.0
W		.7	.6	.5								1.8	8.3
WNW		.5	1.0	.2	.1							1.8	9.1
NW	.1	.5	1.1	1.6								3.3	10.7
NNW		.5	2.0	.9	.1							3.4	9.3
VARBL													
CALM												4.0	
	.2	11.9	33.0	36.6	13.7	.6						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1200-1400

HOURLS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.6	2.0	.6							5.0	10.7
NNE		.9	1.7	2.3								4.9	9.9
NE	.1	.9	1.6	1.0	.2							3.8	8.8
ENE		.7	2.9	1.6	.2							5.5	10.2
E		.6	2.6	1.3								4.5	9.4
ESE	.1	.5	2.1	1.8								4.5	9.9
SE		.6	2.0	1.7								4.3	10.1
SSE	.2	.7	2.2	4.5	1.5							9.2	12.2
S	.1	1.2	5.9	14.2	8.1	1.5						31.0	14.1
SSW		.2	1.7	5.4	2.9	.1						10.4	14.2
SW		.4	1.8	2.2	.6							5.0	11.9
WSW		.1	.9	.4	.2							1.6	11.1
W		.2	.5		.1							.9	8.9
WNW		.1	.1	.9	.4							1.5	13.7
NW	.1	.6	.9	.2	.1							2.0	8.6
NNW		.6	1.1	1.1	.4							3.2	10.7
VARBL													
CALM												7.6	
	.7	9.3	29.6	40.7	15.5	1.6						100.7	11.8

TOTAL NUMBER OF OBSERVATIONS

815



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586 SALINA MAP KS 73-81 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.0	1.7	.6							5.0	11.2
NNE	.1	.5	2.1	1.5			.1					4.3	10.7
NE		.7	2.6	1.3	.1							4.8	9.7
ENE		.5	1.1	1.0	.4							2.9	10.5
E	.1	.7	2.2	1.5	.5							5.0	10.0
ESE		.5	2.8	1.6								4.9	9.7
SE		1.0	2.3	2.1	.6							6.0	10.5
SSE		.9	2.9	4.7	1.1	.4						9.9	12.4
S		.7	5.8	16.4	8.7	2.7						34.3	14.7
SSW		.5	1.7	5.0	1.5							8.7	13.0
SW		.4	1.7	1.3	.2							3.7	10.8
WSW		.5	.2	.5								1.2	8.4
W		.2	.6		.2							1.1	9.8
WNW		.2	.2	.5								1.0	9.9
NW		.6	.6	.4	.7							2.3	11.7
NNW		.4	1.0	1.0	.5							2.8	11.7
VARBL													
CALM												2.0	
	.2	9.1	29.9	40.4	15.2	3.1	.1					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.9	1.7								4.7	9.7
NNE		.1	2.0	1.0		.4						3.5	11.5
NE		1.2	3.1	1.7	.5							6.6	9.9
ENE		1.0	3.0	.9	.1	.1						5.1	9.1
E		2.5	3.5	1.2	.4							7.5	8.9
ESE		1.5	3.0	2.8	.9							8.2	10.5
SE	.1	1.0	3.3	4.8	.1							9.4	10.8
SSE		1.2	5.9	5.4	1.4							14.0	11.3
S		1.4	8.8	14.5	4.3	.6						29.6	12.6
SSW		.2	1.2	1.5	.1							3.1	11.1
SW		.2	.2	.2	.1							.9	11.1
WSW		.1	.4									.5	8.3
W		.4	.5	.2								1.1	8.1
WNW		.1	.1	.2								.5	8.8
NW		.6	.4	.1	.1	.1						1.4	9.9
NNW		.5	.6	.9	.1							2.1	10.6
VARBL													
CALM												2.0	
	.1	13.2	37.9	37.4	8.2	1.2						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

808

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	1.7	1.4								4.0	9.1
NNE		.5	1.2	.5	.1							2.4	9.9
NE		.6	1.9	.9								3.3	8.8
ENE	.1	.9	3.0	.7	.4							5.1	9.1
E		2.5	2.6	.5	.1							5.7	7.5
ESE		2.0	2.4	2.6								6.9	9.2
SE		2.0	4.7	4.2	.2							11.2	10.1
SSE		1.5	9.0	8.6	1.7	.2	.1					21.2	11.2
S		2.5	9.7	11.4	3.7	.1						27.4	11.9
SSW		.2	1.0	.5								1.7	9.1
SW		.4	.4									.7	6.8
WSW		.4	.1		.1							.6	8.6
W	.1	.7	1.1	.2								2.2	7.4
WNW		.4	.6	.2								1.2	8.5
NW	.1	.4	.6	.1								1.2	7.6
NNW		1.1	.7	.1	.1							2.1	7.5
VARBL													
CALM												3.0	
	.6	16.6	40.8	32.0	6.6	.4	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & P)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.8	1.3	.2							4.3	9.7
NNE	.0	.5	1.3	1.1	.1	.0	.0					3.0	10.2
NE	.0	.8	1.7	1.1	.1	.0						3.7	9.3
ENE	.0	.8	2.1	.9	.2	.0						4.0	9.4
E	.0	1.3	2.1	1.0	.2							4.6	8.9
ESE	.0	1.2	2.0	1.3	.1							4.7	9.1
SE	.1	1.5	2.8	2.2	.3							6.8	9.8
SSE	.0	1.7	4.7	4.2	.9	.1	.0					11.7	10.7
S	.1	2.9	9.8	14.8	5.5	.7						33.8	12.4
SSW		.4	1.6	2.8	1.1	.0						5.8	12.6
SW	.0	.4	1.0	.8	.3		.0					2.5	10.6
WSW		.5	.4	.3	.1	.0						1.3	9.0
W	.0	.7	.8	.2	.1							1.8	8.0
WNW		.7	.7	.4	.1							2.0	8.5
NW	.1	.9	1.0	.4	.2	.0						2.6	8.9
NNW	.0	.7	.9	.6	.2							2.5	9.4
VARBL												4.9	
CALM													
	.5	16.2	34.6	33.2	9.6	1.0	.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

6445

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586  
STATION

SALINA MAP MS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	1.5	2.3	.6							5.9	10.5
NNE		.5	.9	1.0	.3							2.7	10.5
NE		1.1	1.5	.8								3.4	8.1
ENE		.4	1.0	.1								1.5	7.8
E		1.1	2.0	.3								3.4	7.6
ESE	.1	.5	2.6	.5								3.7	8.9
SE		2.2	2.2	1.0	.1							5.5	8.4
SSE		2.6	4.1	3.2								9.8	9.0
S		5.9	12.0	9.7	5.6	.4						33.5	11.1
SSW	.1	1.3	2.0	.8	.1							4.3	8.3
SW		1.4	.3									1.7	5.6
WSW		.6	.1		.1							.9	7.6
W		1.1	1.1	.1		.1						2.6	7.5
WNW	.1	1.9	2.0	.1								4.2	6.6
NW		1.4	1.3	.4	.3							3.3	7.9
NNW	.1	2.2	1.5	.1	.3	.3						4.5	8.3
VARBL													
CALM												9.1	
	.5	25.6	36.2	20.4	7.4	.8						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

784

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.8	2.4	2.5	.9	.4						8.4	10.9
NNE		.6	.6	.3	.3							1.8	9.6
NE		.8	1.1	.5	.1							2.5	8.6
ENE		.6	1.3	.5								2.4	8.1
E		1.9	1.9	.4								4.2	7.5
ESE		1.1	.9	.3								2.3	7.1
SE		1.6	1.6	.3	.1							3.7	7.7
SSE		2.3	5.1	1.6	.1							9.1	8.5
S		5.6	12.9	9.8	2.4	.8						31.4	10.6
SSW	.1	1.9	1.8	.4								4.2	7.5
SW		.8	.9									1.6	6.7
WSW		.8	.4									1.1	5.9
W		1.4	1.0									2.4	6.3
WNW	.3	3.2	2.2									5.6	6.1
NW		2.2	1.6	.1	.1							4.3	7.4
NNW		3.0	1.6	1.1	.1							6.0	8.0
VARBL													
CALM												9.0	
	.8	29.5	37.4	18.0	4.2	1.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

789

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	2.9	2.9	.5							7.9	10.4
NNE		.4	1.0	.8	.3							2.4	10.3
NE		.5	1.0	.6								2.2	9.0
ENE		.5	1.5	1.0								3.0	9.6
E		.9	1.9	.5								3.3	8.3
ESE		.5	1.7	.4								2.5	8.7
SE	.1	1.3	1.1	1.0								3.6	8.7
SSE		2.5	4.3	1.5	.1							8.5	8.5
S		8.3	10.9	9.8	2.9	.5						32.4	11.3
SSW		1.1	2.0	.8	.3							4.2	9.0
SW		.9	.1									1.0	5.3
WSW	.1	1.0	.5									1.7	5.4
W		.9	.5									1.4	5.8
WNW	.3	3.0	1.8	.1								5.2	6.5
NW	.3	1.8	1.7	.6	.1							4.4	7.9
NNW		2.4	2.0	1.4	.4							6.2	8.5
VARBL													
CALM												10.0	
	.8	27.6	35.1	21.5	4.6	.5						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	3.9	4.6	2.2	.1						12.2	12.1
NNE		.6	1.4	1.7	.6							4.3	11.4
NE		.8	1.0	.9								2.7	9.0
ENE		1.1	1.1	1.0	.3							3.6	9.4
E		1.1	2.4	1.1	.1							4.8	9.0
ESE		.5	1.3	1.3	.3							3.3	10.8
SE		.6	1.5	1.4	.1							3.7	10.5
SSE		.5	1.8	2.8	.5							5.6	11.6
S		1.9	8.3	11.2	7.1	.9						29.4	13.2
SSW		1.3	2.7	2.8	1.1	.4						8.3	12.0
SW		.8	1.9	.8								3.4	8.7
WSW		.5	1.1	.3								1.9	8.1
W		.8	.6	.1								1.5	7.1
WNW		.1	1.1	.5								1.8	10.0
NW		.8	2.2	.8	.3							3.9	9.3
NNW		.8	1.4	1.8	.6	.1						4.7	11.4
VARBL													
CALM												4.8	
	.1	13.5	33.8	33.0	13.2	1.5						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

786



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATP WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	.8	3.1	4.1	2.6							10.6	12.6
NNE		1.4	1.9	2.2	.6							6.1	10.6
NE		.6	1.8	1.3								3.7	9.7
ENE		.9	1.3	1.3	.1							3.6	9.6
E		.6	3.7	1.0	.1							5.5	9.0
ESE		.6	2.3	.4								3.3	8.8
SE		1.3	1.3	2.0	.4							5.0	10.4
SSE		.9	1.7	3.6	.8							6.9	12.0
S	.3	1.8	6.0	11.1	7.5	.5						27.2	13.4
SSW		.8	2.3	3.4	2.0	.5						9.1	13.3
SW		.6	.8	1.4	.3	.1						3.2	11.1
WSW		.8	1.0	.3								2.0	8.2
W		.8	1.1	.3	.1							2.3	8.4
WNW		.4	.9	.4	.1	.1						1.9	10.5
NW		.1	1.7	.6	.1							2.6	10.4
NNW		.9	1.8	2.0	.4							5.1	10.8
VARBL													
CALM												2.0	
	.4	13.3	32.5	35.3	15.2	1.3						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586 SALINA MAP KS 73-81 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	3.4	5.0	3.2	.3						13.7	12.5
NNE		.4	1.5	1.1	.1							3.2	9.8
NE		.5	2.2	1.4								4.1	9.9
ENE		.5	2.7	.6								3.8	9.2
E		1.0	2.8	1.4	.3							5.5	9.2
ESE		1.3	1.5	1.1	.4							4.3	9.4
SE		1.3	2.3	2.4	.4							6.4	10.6
SSE		.9	2.7	3.7	.8							8.0	11.6
S		1.4	5.8	10.9	8.3	.9						27.3	14.0
SSW		1.0	1.9	3.4	.8							7.1	11.8
SW		.3	1.1	.9	.1							2.4	10.2
WSW		.6	.6	.8								2.0	9.1
W		.6	.8		.1							1.5	8.2
WNW		.1	.8	.9								1.8	10.4
NW		.4	.4	.9	.5	.1						2.3	12.5
NNW		1.0	2.4	2.2	.4							6.0	10.7
VARBL												.6	
CALM													
		13.2	32.9	36.7	15.2	1.3						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	5.3	3.9	1.3							12.7	10.5
NNE		.4	2.3	2.2								4.8	10.7
NE		1.4	3.3	1.0								5.7	8.6
ENE		1.8	2.5	.5	.1							4.9	8.1
E		1.9	3.2	1.1								6.2	8.1
ESE		2.0	2.0	1.5								5.6	7.3
SE		1.9	3.3	5.1	.3							10.5	10.5
SSE	.1	2.3	5.1	5.1	1.4							13.9	10.6
S	.1	1.6	9.1	9.5	2.0							22.4	11.4
SSW	.1	.6	.4	.4								1.5	7.7
SW		.6	.4	.1								1.1	6.9
WSW		.4	.4									.8	6.5
W		1.4	1.0									2.4	6.4
WNW		.3	.4	.1	.1							.9	9.7
NW	.1	.9	.8	.3								2.0	7.3
NNW		.4	1.0	.5	.3							2.2	9.9
VARBL													
CALM												2.4	
	.6	19.9	40.4	31.3	5.4							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	4.4	1.8	.5							8.2	9.6
NNE		.9	1.3	1.4	.4							3.9	10.5
NE		1.4	1.4	1.0	.1							3.9	8.8
ENE	.1	.4	1.9	.3								2.6	7.8
E	.1	2.1	4.2	.5								6.9	7.6
ESE	.1	1.0	2.1	.9	.4							4.5	9.4
SE		1.4	3.1	2.9	.4							7.8	10.1
SSE	.1	3.0	5.5	5.2	1.4	.1						15.3	10.4
S		4.3	9.7	7.8	3.6	.5						25.9	11.1
SSW	.1	.9	1.3	.1								2.4	7.1
SW		.5	.8		.1							1.4	7.9
WSW		.5	.5									1.0	6.1
W		1.5	.3									1.8	5.8
WNW	.1	1.3	1.1	.1								2.6	6.3
NW		1.0	.8	.3								2.0	7.0
NNW	.1	1.3	1.8	.4								3.5	7.4
VARBL													
CALM												6.2	
	.9	22.9	40.0	22.5	6.9	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	3.4	3.4	1.5	.1						9.9	11.3
NNE		.7	1.4	1.3	.3							3.6	10.5
NE		.9	1.7	.9	.0							3.5	9.0
ENE	.0	.8	1.7	.7	.1							3.2	8.8
E	.0	1.3	2.8	.8	.1							5.0	8.3
ESE	.0	1.0	1.8	.8	.1							3.7	9.0
SE	.0	1.4	2.1	2.0	.2							5.8	9.8
SSE	.0	1.9	3.8	3.3	.6	.0						9.7	10.2
S	.0	3.8	9.3	10.0	4.9	.6						28.7	11.9
SSW	.1	1.1	1.8	1.5	.5	.1						5.1	10.6
SW		.7	.8	.4	.1	.0						2.0	8.5
WSW	.0	.7	.6	.2	.0							1.4	7.4
W		1.1	.8	.1	.0	.0						2.0	7.0
WNW	.1	1.3	1.3	.3	.0	.0						3.0	7.4
NW	.0	1.1	1.3	.5	.2	.0						3.1	8.6
NNW	.0	1.5	1.7	1.2	.3	.0						4.8	9.4
VARBL													
CALM												5.5	
	.5	20.7	36.1	27.3	9.0	.9						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

6302

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

OCT  
MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	2.4	3.1	.9	.4						7.3	12.1
NNE		.5	1.3	1.3	.1							3.3	10.7
NE		.9	.5	.1								1.5	6.8
ENE		.5	.7	.1								1.3	7.1
E		1.3	.9	.5								2.7	7.2
ESE		1.2	.9	.7	.1							2.9	8.6
SE		1.3	2.6	1.3								5.3	9.3
SSE		3.3	2.7	1.1	.6							7.7	8.5
S		5.6	9.9	9.7	5.7	.7						31.7	11.6
SSW		2.0	2.2	.6								4.8	7.7
SW		1.1	.5									1.6	5.7
WSW		1.0	.6									1.6	6.1
W		1.1	2.2	.4								3.7	7.9
WNW		2.0	3.5	1.1	.2							6.8	8.5
NW	.1	1.0	1.2	1.5	.4							4.2	10.1
NNW	.1	1.0	1.0	1.2	.5							3.8	10.3
VARBL													
CALM												9.9	
	.2	24.3	33.1	22.7	8.6	1.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

818

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586      SALINA MAP KS      73-81      OCT  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	2.1	3.3	1.3	.2						8.4	11.8
NNE		.2	1.0	.7	.1							2.1	10.7
NE		.6	1.0	.2								1.8	8.2
ENE	.1	.2	.4	.1								.9	6.9
E		1.5	1.2	.9	.1							3.7	8.7
ESE		.6	1.1	.4								2.1	8.3
SE	.2	1.1	2.7	1.2								5.3	8.9
SSE	.1	3.8	1.8	1.2	.6							7.6	8.3
S		6.1	8.6	7.8	4.4	.7	.1					27.8	11.3
SSW		1.3	2.1	1.1								4.5	8.2
SW		1.6	.9	.1								2.6	6.2
WSW	.1	1.1	1.0	.1	.1							2.4	7.2
W		1.7	1.6									3.3	6.8
WNW		2.6	3.5	.9	.4							7.3	8.3
NW		2.1	2.4	1.2	.1	.1						6.0	9.0
NNW		.9	2.2	1.3	.5	.1						5.0	10.7
VARBL													
CALM												9.3	
	.6	26.9	33.5	20.7	7.7	1.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS      616

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.1	1.7	1.6	.1						7.4	11.1
NNE			.7	.5	.5							1.7	12.0
NE		.2	.9	.2								1.3	8.3
ENE		1.0	.6									1.6	6.5
E		1.3	.5	.7	.2							2.8	9.0
ESE	.1	.9	1.2	1.0								3.2	8.5
SE		1.6	3.3	1.0	.1	.1						6.1	8.6
SSE	.1	2.4	2.8	1.7	.9							7.9	9.5
S	.5	4.3	7.8	8.2	4.3	1.0	.1					26.1	11.7
SSW		2.6	1.0	1.7								5.2	8.1
SW	.1	1.2	.6	.4	.1							2.4	7.1
WSW	.1	.9	.6									1.6	5.6
W		1.0	1.5	.1	.1							2.7	7.9
WNW		2.7	3.8	1.7	.2							8.4	8.5
NW		2.1	2.4	1.8	.6	.2						7.2	10.3
NNW		1.1	3.0	1.8	.4	.1						6.5	10.4
VARBL													
CALM												7.8	
	1.0	25.1	32.8	22.6	9.0	1.6	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724596 STATION NAME SALINA MAP KS 73-81 YEARS OCT  
STATION MONTH  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	3.3	5.4	2.1	.6						12.7	12.9
NNE		.2	1.1	1.2	.5							3.1	11.5
NE		.4	1.7	.6	.2							3.0	9.6
ENE		.4	.7	.5								1.6	9.1
E	.1	.2	1.2	.4								2.0	8.8
ESE	.1	.7	.4	.7	.6							2.6	11.1
SE		1.0	.6	2.2	1.1							4.9	12.1
SSE		.5	2.7	2.2	1.0	.2						6.7	11.8
S	.1	2.1	5.9	9.7	8.5	1.1	.2					27.7	14.0
SSW		.5	1.8	2.1	.6	.2						5.3	12.2
SW		.7	1.2	1.5	.5	.1						4.1	11.5
WSW		1.1	.4	.2	.1							1.8	7.6
W		.6	.9	.2	.2							2.0	9.2
WNW		.7	1.1	1.5	.7							4.1	11.6
NW		.4	2.3	1.8	1.6	.5						6.7	13.4
NNW		1.2	2.8	3.2	1.1	.4						8.7	11.7
VARBL													
CALM												3.2	
	.4	12.1	28.3	33.6	19.0	3.2	.2					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	2.1	5.2	3.3	1.0						12.9	13.9
NNE		.6	1.6	1.7	.1							4.1	10.7
NE		.5	1.8	.9		.1						3.3	10.0
ENE		.2	1.5	.5								2.2	9.0
E		.5	1.4	.4	.4							2.6	9.8
ESE		.4	1.4	1.0	.4							3.1	10.8
SE		.4	1.0	1.5	.2	.1						3.2	12.2
SSE		.4	2.1	2.8	1.4	.5						7.2	13.4
S		1.7	3.6	10.4	9.9	2.3	.1					28.0	15.1
SSW	.1	.6	2.3	1.7	1.6	.4						6.8	12.8
SW		.2	.5	1.4	.6	.2						3.0	13.5
WSW		.1	.4	.4	.4	.1						1.4	13.5
W		.4	1.5	.5	.4							2.7	10.6
WNW		.5	1.8	1.4	.7	.4						4.8	12.6
NW		.5	1.0	2.2	2.0	.4						6.0	14.3
NNW		.7	1.6	2.5	1.5	.5						6.8	13.3
VARBL													
CALM												2.0	
	.1	9.1	25.5	34.3	22.8	6.0	.1					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

811

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.9	4.7	1.7	.1						10.5	12.5
NNE		.4	2.2	1.7	.2							4.5	10.6
NE		.6	1.1	1.3	.4							3.4	10.6
ENE		1.1	1.5	.6	.1							3.3	8.4
E		.7	1.7	1.0	.4							3.8	9.5
ESE		.2	1.3	.4	.6							2.6	11.7
SE		.5	1.7	1.1	.7							4.0	11.7
SSE		.4	1.2	1.7	1.7	.1						5.1	13.9
S		1.1	6.2	9.9	8.8	1.7	.4					28.0	14.6
SSW		.7	1.3	1.8	1.8	.1						5.8	13.3
SW		.1	.9	1.1	.4	.1						2.6	13.1
WSW		.6	.6	.2	.1							1.6	8.2
W	.1	.7	.4	1.1	.1							2.4	9.9
WNW		.2	.6	2.7	.6	.1						4.3	12.9
NW		.2	2.4	2.9	1.9	.5						8.0	13.7
NNW		.6	1.6	4.5	1.1	.1						7.9	13.0
VARBL													
CALM												2.3	
	.2	9.1	27.6	36.7	20.7	2.9	.4					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	3.8	2.8	1.2	.2						10.1	10.7
NNE		1.0	2.5	.7		.1						4.3	8.9
NE		1.2	1.8	.6	.4							4.1	9.0
ENE		1.0	1.4	.6	.1							3.1	8.8
E		1.1	2.1	.2								3.4	7.5
ESE		1.7	1.7	.9	.5							4.8	9.2
SE		1.8	3.7	2.2	1.1							8.8	10.2
SSE		1.6	4.9	2.2	.6	.2						9.6	10.1
S		2.5	10.4	8.6	4.1							25.6	11.6
SSW		.7	1.0	.7	.1							2.6	9.1
SW		.6	1.6	.1								2.3	7.3
WSW	.1	.9	.7									1.7	6.3
W		1.7	1.1	.1								2.9	6.6
WNW		2.0	1.0	.2								3.2	7.2
NW		1.1	2.5	1.2	.1							4.9	9.1
NNW		1.2	1.4	1.6	.5							4.7	10.2
VARBL													
CALM												3.9	
	.1	22.1	41.5	23.0	8.7	.6						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

814

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	2.3	2.2	1.7	.2						7.9	11.9
NNE		1.3	1.5	.7	.2	.1						3.9	9.2
NE	.2	.9	.9	.4								2.3	7.5
ENE		.4	1.3	.2	.1							2.1	8.6
E		.9	1.6	.5	.1							3.1	8.7
ESE	.1	.4	1.2	.6	.5							2.8	10.3
SE		1.2	3.2	2.2	.9	.1						7.6	10.7
SSE		1.8	2.6	3.5	.5							8.4	10.4
S	.4	6.2	11.2	8.8	4.4	.4						31.4	10.8
SSW	.1	1.5	2.2	.6	.1							4.5	8.2
SW	.1	.9	.6	.7								2.3	8.5
WSW		.9	.1	.5								1.5	8.0
W		2.1	1.7	.7								4.5	7.6
WNW		1.7	2.4	.2	.1							4.5	7.6
NW	.1	1.3	1.0	1.0								3.4	8.6
NNW	.1	.7	1.5	1.0	.1							3.4	9.6
VARBL													
CALM												6.3	
	1.2	23.6	35.3	23.9	8.8	.9						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

819

GLOBAL CLIMATOLOGY BRANCH  
JSAFETAC  
ATC WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	2.6	3.6	1.7	.4						9.7	12.2
NNE		.5	1.5	1.1	.2	.0						3.4	10.4
NE	.0	.7	1.2	.6	.1	.0						2.6	9.1
ENE	.0	.6	1.0	.3	.0							2.0	8.3
E	.0	.9	1.3	.6	.2							3.0	8.7
ESE	.0	.8	1.1	.7	.3							3.0	9.8
SE	.0	1.1	2.3	1.6	.5	.0						5.6	10.3
SSE	.0	1.8	2.6	2.1	.9	.1						7.5	10.5
S	.1	3.7	8.0	9.1	6.2	1.0	.1					28.3	12.6
SSW	.0	1.2	1.7	1.3	.5	.1						4.9	10.3
SW	.0	.8	.8	.7	.2	.1						2.6	9.6
WSW	.0	.8	.6	.2	.1	.0						1.7	7.6
W	.0	1.2	1.3	.4	.1							3.0	8.1
WNW		1.5	2.2	1.2	.4	.1						5.4	9.4
NW	.0	1.1	1.9	1.7	.8	.2						5.8	11.4
NNW	.0	.9	1.9	2.1	.7	.2						5.8	11.5
VARBL													
CALM												5.6	
	.5	19.1	32.2	27.2	13.1	2.2	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

6534

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

NOV

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	3.3	2.6	.9	.4						9.3	10.9
NNE		.5	.8	1.0								2.3	9.9
NE		.5	1.3	1.0								2.8	9.1
ENE		.5	.4	.6								1.5	8.6
E	.1	.6	1.0	.9								2.6	8.6
ESE		1.5	.8	.5								2.8	7.4
SE		1.4	1.9	.4								3.6	7.7
SSE		2.5	2.5	1.1	.1							6.3	8.1
S		5.5	8.9	5.4	3.8	.8	.1					24.4	10.9
SSW		1.5	2.1	1.5	.5							5.6	9.4
SW		1.0	.6	.5								2.1	7.9
WSW		.6	.5	.5								1.6	8.3
W		1.4	2.9	1.5								5.8	8.7
WNW	.1	1.5	4.5	1.8	.8	.1						8.8	9.7
NW	.1	2.0	2.4	2.1	1.8	.1	.1					8.6	11.3
NNW	.1	1.4	1.0	2.0	1.0							5.5	11.4
VARBL													
CALM												6.8	
	.5	24.3	34.7	23.4	8.8	1.4	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

799

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724586 SALINA MAP KS 73-81 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.8	2.3	1.0	.4						6.7	11.9
NNE		.4	1.0	2.3								3.6	11.2
NE		.6	1.1	.4	.1							2.3	8.8
ENE		.3	.4	.3								.9	8.0
E	.1	.5	1.5	.1	.1							2.4	8.4
ESE		1.7	.6	.9								2.5	8.4
SE		1.3	1.3	.8								3.3	8.3
SSE	.1	2.5	2.1	.5	.3							5.5	7.5
S	.1	4.9	8.4	5.7	2.9	.3						22.2	10.4
SSW		1.6	2.4	1.1	.1							5.3	8.4
SW		.9	1.3	.4								2.5	7.6
WSW		.8	1.6	.3								2.6	7.7
W	.1	.9	2.4	1.9	.4							5.7	10.4
WNW	.1	2.6	4.0	2.4	.5							9.7	9.2
NW		1.1	3.4	2.3	1.3	.6	.4					9.0	12.5
NNW	.1	1.4	1.6	1.5	1.4	.3						6.3	11.7
VARBL												9.5	
CALM													
	.9	21.9	34.9	22.9	8.0	1.5	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 796



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9	2.5	.9	.1						6.1	12.1
NNE		.6	1.0	.6	.1	.1						2.5	10.1
NE	.1		1.4	1.3	.1							2.9	10.4
ENE	.1	.9	1.0	.5	.1							2.7	8.3
E	.1	.6	.9	.4								2.0	8.1
ESE		.4	.9	.4								1.6	8.3
SE		1.4	1.4	1.1								3.9	8.5
SSE		2.8	2.9	1.6								7.3	7.9
S		4.2	6.1	5.8	3.0	.3						19.3	10.9
SSW		1.9	1.3	.6								3.8	7.5
SW		1.3	2.1	.4								3.8	7.6
WSW		1.3	.6	.5								2.4	7.5
W		1.3	1.3	1.6								4.2	9.2
WNW		2.3	5.2	2.0	.5							10.0	9.1
NW		1.9	3.8	2.5	1.1		.4					9.7	11.0
NNW		1.8	2.0	2.8	2.0	.5						9.1	12.4
VARBL													
CALM												8.6	
	.4	27.1	33.8	24.8	8.0	1.0	.4					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

791

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	2.4	4.3	1.9							9.7	12.2
NNE		.3	1.1	1.1	.4	.1						3.0	11.9
NE		.6	1.9	1.1	.1	.1						3.9	10.4
ENE	.3	.3	1.5	.4								2.4	8.3
E	.1	.8	.8	.6	.1							2.4	8.4
ESE	.1	.3	.9	.5								1.8	9.3
SE		1.0	.9	.4	.1							2.4	8.5
SSE	.1	.6	2.1	1.4	.8	.1						5.2	10.9
S	.1	2.0	7.2	7.7	3.1	1.1						21.3	12.2
SSW		1.0	2.1	1.5	.9							5.5	11.0
SW		1.1	2.0	.4	.1							3.7	8.3
WSW	.3	1.4	1.0	.4	.1							3.1	7.2
W	.1	1.0	1.9	1.0								4.0	8.7
WNW	.3	.3	3.1	2.9	1.3	.3						8.1	12.3
NW		1.5	2.1	2.5	2.5	1.0	.3					9.9	13.9
NNW		.6	2.6	3.4	1.8	.9						9.3	13.4
VARBL												4.3	
CALM													
	1.4	13.9	33.8	29.6	13.2	3.7	.3					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	2.8	5.4	2.0	.6						11.8	13.2
NNE	.1	1.3	1.3	1.5	.6	.1						5.0	10.7
NE		1.2	1.4	.9								3.5	8.7
ENE		.6	.9	.5								2.0	9.1
E		.8	1.4	.9								3.1	9.0
ESE		.4	.3	.9	.1							1.7	11.1
SE		.6	.3	.1								1.0	7.5
SSE		.4	2.0	1.5	.8	.1						4.9	11.5
S		1.5	5.9	7.8	4.9	1.4						21.5	13.6
SSW		1.3	3.5	2.4	1.0							8.2	10.7
SW		.5	1.4	1.0	.6	.1						3.7	11.5
WSW	.1	.5	.8	.4	.1							1.9	8.8
W		.6	1.0	1.7	.3							3.6	10.6
WNW		.3	1.3	2.6	1.0	.4						5.5	13.5
NW	.1	.6	2.4	3.1	3.2	.6	.1					10.2	14.1
NNW		1.0	1.2	4.9	2.2	.8	.4					10.4	14.6
VARBL													
CALM												2.2	
	.4	12.5	27.7	35.5	16.9	4.2	.5					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

782

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.8	3.6	5.0	1.7	1.0						13.2	12.4
NNE			1.9	1.4								3.3	10.3
NE		1.3	1.3	.4								2.9	8.0
ENE		.4	1.0	1.2								2.6	9.9
E		1.2	2.1	.6	.3							4.1	8.9
ESE		.5	.6	.3								1.4	8.4
SE		.6	.8	.6								2.1	8.6
SSE	.1	.5	2.7	2.8	1.2							7.3	11.7
S		1.8	6.4	7.2	4.1	1.0						20.5	12.9
SSW		.8	2.4	1.9	.3	.1						5.5	10.7
SW		.5	1.7	.9	.3	.1						3.5	10.2
WSW		.6	.8	.4		.1						1.9	9.2
W		.5	1.4	1.4	.5							3.8	11.2
WNW		.5	2.1	2.1	.8	.5						5.9	12.4
NW	.1	.9	2.8	3.1	2.4	.9						10.3	13.1
NNW	.1	.8	2.1	4.2	1.3	.8	.1					9.4	13.5
VARBL													
CALM												2.3	
	.5	12.7	33.6	33.5	12.7	4.6	.1					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

780

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724536  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

NQV  
NORTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	3.9	2.5	1.1	.4						10.1	10.7
NNE		.3	2.0	1.3								3.6	9.9
NE		1.0	2.0	.3								3.3	8.0
ENE		1.3	.9	.5								2.7	7.7
E		3.3	2.0	.3	.3							5.9	7.1
ESE		.9	1.3	.3								2.4	8.1
SE	.1	1.1	1.9	.6	.5							4.3	9.1
SSE		1.5	3.4	1.9	.3							7.1	9.2
S		2.3	10.8	6.7	2.8							22.6	10.8
SSW		.8	2.4	.4								3.6	8.4
SW		1.0	.8	.1								1.9	6.8
WSW	.1	1.0	2.2	.4								3.7	7.7
W		2.3	1.9	.8	.1							5.1	7.6
WNW		1.4	1.5	1.0	.6	.3	.1					5.0	10.8
NW		.5	2.9	2.3	.6	.3						6.6	11.5
NNW	.1	1.4	1.9	2.0	1.8	.8						8.0	12.8
VARBL													
CALM												4.2	
	.5	22.0	42.0	21.4	8.1	1.7	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

786

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

774586 SALINA MAP KS 73-81 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.2	2.4	.9	.4						8.1	11.3
NNE		.3	1.6	1.5	.3							3.7	10.8
NE		1.6	1.9	.5								4.0	8.0
ENE		1.5	1.4	.4								3.3	7.4
E		1.0	1.5	.5	.1							3.2	8.2
ESE		1.1	.9	.1								2.1	6.6
SE	.1	1.6	2.0	.8								4.6	7.9
SSE		2.3	2.3	1.3	.5							6.3	8.8
S		4.4	8.6	5.9	3.0	1.0						23.0	11.0
SSW	.1	.9	3.5	1.6	.3							6.4	9.4
SW		1.3	1.3	.4	.1							3.0	8.0
WSW		1.5	.5	.3								2.3	6.6
W		1.1	2.9	.4		.1	.1					4.7	9.2
WNW		1.3	2.9	2.0	.5	.1						6.8	10.4
NW	.1	1.5	1.9	1.5	.9	.3						6.2	10.7
NNW	.1	1.4	1.6	2.0	1.1	.6						7.0	11.9
VARBL													
CALM												5.3	
	.5	24.1	38.1	21.6	7.7	2.5	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	2.8	3.4	1.3	.4						9.3	11.9
NNE	.0	.4	1.3	1.3	.2	.0						3.4	10.7
NE	.0	.9	1.5	.7	.0	.0						3.2	8.9
ENE	.0	.7	.9	.5	.0							2.2	8.4
E	.1	1.1	1.4	.5	.1							3.2	8.2
ESE	.0	.8	.8	.5	.0							2.0	8.3
SE	.0	1.1	1.3	.6	.1							3.1	8.3
SSE	.0	1.6	2.5	1.5	.5	.0						6.2	9.4
S	.0	3.3	7.8	6.5	3.4	.7	.0					21.9	11.6
SSW	.0	1.2	2.5	1.4	.4	.0						5.5	9.7
SW		.9	1.4	.5	.1	.0						3.0	8.7
WSW	.1	1.0	1.0	.4	.0	.0						2.5	7.8
W	.0	1.1	2.0	1.3	.2	.0	.0					4.6	9.4
WNW	.1	1.3	3.1	2.1	.7	.2	.0					7.5	10.7
NW	.1	1.3	2.7	2.4	1.7	.5	.2					8.8	12.4
NNW	.1	1.2	1.8	2.8	1.6	.6	.1					8.1	12.9
VARBL													
CALM												5.4	
	.6	19.3	34.8	26.6	10.4	2.6	.3					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

6319

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.9	4.4	1.8	.2						9.7	12.7
NNE		.5	.6	1.1	.1							2.3	10.6
NE		.6	.7	.4								1.7	8.1
ENE	.1	.5	.7	.4								1.7	7.8
E		1.1	1.5	.7								3.3	8.5
ESE	.1	1.0	1.8	.2								3.2	7.6
SE		.7	1.0	.2	.1							2.1	8.3
SSE		2.3	3.0	.7	.2							6.3	7.9
S	.1	4.5	8.4	7.3	2.4	.2						23.0	10.5
SSW		.6	2.7	.9	.1							4.3	9.0
SW		1.8	1.5	.4								3.7	7.3
WSW		1.0	.5	.2								1.7	7.3
W		1.5	2.9	1.3								5.7	8.6
WNW	.1	1.9	3.0	1.7	.7	.4						7.9	10.4
NW	.1	1.7	2.3	2.4	.5							7.1	9.8
NNW		1.1	1.7	3.2	1.2	.2						7.4	12.3
VARBL													
CALM												8.9	
	.6	22.2	34.3	25.6	7.3	1.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586 STATION SALINA MAP KS 73-81 YEARS DEC NORTH  
ALL WEATHER CLASS 0300-0500 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.7	5.1	2.0	.6						10.7	13.2
NNE		.1	1.5	1.0	.1							2.7	10.4
NE		.6	.6	.7	.1	.1						2.2	10.5
ENE		.9	.7	.4								2.0	7.8
E		.4	.2	.5								1.1	9.6
ESE		.7	1.2	.7	.2							2.9	9.5
SE		1.5	1.1	.9								3.4	8.2
SSE		1.6	1.6	.6	.4	.1						4.3	8.9
S	.2	4.0	7.7	6.6	1.5	.2						20.3	10.2
SSW	.1	2.7	3.5	1.3	.1							7.1	8.6
SW	.1	1.2	.9	.2								2.4	6.8
WSW		1.3	.9	.6								2.8	7.7
W	.1	1.8	2.3	1.2								5.5	8.2
WNW	.1	1.8	3.5	2.1	.4	.4						8.3	10.1
NW	.1	2.3	2.6	2.7	.4	.2						8.3	10.1
NNW		1.1	1.0	3.4	1.0	.2						6.7	12.3
VARBL													
CALM												9.3	
	.9	22.7	31.0	28.1	6.1	2.0						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.5	3.5	2.3	1.1						9.7	14.1
NNE		.6	.5	.7								1.8	8.7
NE		.7	.2	1.2	.5							2.7	11.5
ENE		1.0	.7	.1								1.8	6.5
E		.9	1.2	.4								2.4	8.0
ESE		.5	1.2	.4								2.1	8.3
SE		.5	1.2	.4	.1							2.2	8.9
SSE		2.7	1.9	1.3	.4							6.3	8.7
S	.2	3.3	6.6	5.7	3.2	.1						19.1	10.9
SSW		1.5	1.9	.9								4.3	8.3
SW		1.2	1.3	.1								2.7	6.7
WSW		1.7	1.7	.2	.1							3.8	7.1
W		1.7	2.4	1.3								5.5	8.5
WNW		1.8	3.9	2.1	.2	.1						8.2	9.5
NW		2.3	3.3	3.5	.9							10.0	10.4
NNW		1.0	2.3	4.1	.6	.1						8.2	11.7
VARBL													
CALM												9.4	
	.2	22.6	32.0	26.0	8.3	1.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	2.3	4.6	3.2	1.3						13.7	13.8
NNE		.2	.6	.7	.2	.1						2.0	12.4
NE		.4	.5	1.0	.2							2.1	11.2
ENE		.2	.7	.1	.1							1.2	9.4
E		.6	1.2									1.8	7.5
ESE		.2	.5	1.2								2.0	10.9
SE		.5	1.1	.2								1.8	8.2
SSE		1.1	.9	.7								2.7	8.4
S		2.6	5.4	6.5	5.0	.5	.1					20.0	12.8
SSW	.2	1.1	2.3	2.4	.7	.1						7.0	10.7
SW		1.2	2.0	.6	.2							4.0	8.8
WSW		1.2	.6	.4								2.2	7.3
W		1.0	1.8	.5	.1							3.4	8.1
WNW		1.2	2.7	2.9	.4	.1						7.3	10.8
NW		1.8	3.1	3.2	1.3	.9						10.3	12.2
NNW	.1	1.2	2.4	4.3	1.8	.4						10.3	12.5
VARBL													
CALM												6.2	
	.4	16.9	28.1	29.5	13.4	3.4	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

818

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS

STATION NAME

73-81

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1200-1400

HOURLY (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.7	4.6	3.8	1.0						13.4	13.9
NNE		.2	1.0	.9	.5							2.6	11.4
NE		.5	.9	.2	.5							2.1	10.6
ENE		.6	.7	.2	.1							1.7	8.6
E		.7	.7	.1								1.6	6.7
ESE		.5	.5	.5	.4							1.9	10.4
SE		.4	.6	.5								1.5	9.0
SSE		.5	1.0	.9								2.4	8.9
S		.9	5.3	7.3	4.2	.6	.1	.1				18.6	13.5
SSW		1.1	2.2	2.5	1.0	.5						7.3	12.2
SW	.1	1.4	1.7	2.1	.2	.1						5.7	10.0
WSW		.7	1.6	1.0	.2							3.6	10.1
W	.1	1.1	1.4	1.9								4.5	9.4
WNW		.7	2.0	1.2	.7	.2	.1					5.1	12.0
NW		1.1	2.1	2.5	2.2	.5	.2					8.7	13.7
NNW		1.6	3.8	4.5	2.7	1.0	.1					13.7	11.3
VARBL													
CALM												5.8	
	.2	13.4	28.3	30.8	16.7	4.0	.6	.1				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

808

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	4.1	5.7	2.2	.5	.1					14.5	12.6
NNE		.4	.5	1.9	.2							3.0	12.4
NE		.6	1.0	.7								2.3	9.5
ENE		.5	1.5	.1								2.1	7.9
E		1.9	1.2	.2								3.4	6.6
ESE		.1	.2	.1	.2	.1						.8	13.1
SE	.1	.8	.7	.4								2.1	7.7
SSE		1.5	2.4	1.2	.1							5.2	8.9
S		1.1	6.3	7.0	4.1	.2	.1					18.9	12.6
SSW		1.1	1.6	1.2	.7							4.6	10.9
SW	.1	1.0	1.6	1.5	.1							4.2	9.4
WSW		.7	1.3	.1	.1	.1						2.4	9.1
W		.7	1.0	1.2	.1							3.0	9.5
WNW		.6	1.8	1.7	.2	.2						4.6	11.1
NW		1.2	1.9	2.7	1.6	.6						8.0	12.9
NNW		2.3	3.8	5.5	1.8	1.3						14.7	12.6
VARBL													
CALM												6.1	
	.2	16.5	30.9	31.3	11.6	3.2	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.5	5.3	4.8	1.9	.4	.1					15.0	11.6
NNE		.5	1.2	.5	.4							2.6	10.0
NE		.9	1.0	.5	.1							2.5	8.9
ENE		1.3	.9	.2								2.1	6.9
E		1.1	2.6	.2								4.0	7.6
ESE		1.7	.9									2.6	6.6
SE		2.0	2.4									4.3	6.7
SSE		1.7	3.5	.9	.1							6.2	8.2
S		2.4	8.9	5.1	1.9	.1						18.4	10.6
SSW		1.1	2.9	1.4	.1							5.5	9.2
SW	.1	1.2	1.7									3.1	6.8
WSW		1.0	.7									1.7	6.5
W		1.9	2.9									4.7	6.9
WNW	.1	1.4	2.1	.5	.2	.1						4.5	8.8
NW		1.1	2.0	2.0	.9	.1						6.1	11.3
NNW	.1	2.6	2.2	3.0	1.6	.4						9.9	11.3
VARBL													
CALM												6.7	
	.4	24.1	41.2	19.1	7.2	1.1	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

805

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	2.5	4.8	1.4	.5						11.0	12.3
NNE	.1	.5	1.2	1.2	.1							3.2	10.2
NE		1.2	.6	.4	.1							2.4	7.4
ENE	.1	.5	.5	.4								1.5	8.2
E	.2	1.1	1.9	.4								3.6	7.3
ESE	.1	1.1	.9									2.1	6.2
SE	.1	1.5	1.7	.7								4.1	8.0
SSE	.1	1.6	1.9	1.2	.1	.1						5.1	8.7
S		3.7	9.2	5.9	3.1	.4						22.3	10.7
SSW		1.4	2.8	.9	.5							5.6	9.5
SW		1.1	1.6	.2								3.0	7.1
WSW		.9	1.0	.4								2.2	7.6
W	.1	2.0	2.6	.2	.1							5.1	7.4
WNW	.4	2.0	3.2	.7	.6	.4						7.3	9.5
NW		.4	2.2	1.5	.6	.1						4.8	11.5
NNW		1.1	1.6	3.2	1.2	.2						7.4	12.3
VARBL													
CALM												9.4	
	1.4	21.9	35.4	22.3	7.9	1.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

808

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

704596  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.8	4.7	2.3	.7	.0					12.2	13.0
NNE	.0	.4	.9	1.0	.2	.						2.5	10.8
NE		.7	.7	.6	.2	.0						2.2	9.8
ENE	.0	.6	.8	.2	.0							1.8	7.8
E	.0	1.0	1.3	.3								2.7	7.6
ESE	.0	.7	.9	.4	.1	.0						2.2	8.6
SE	.0	1.0	1.2	.4	.0							2.7	8.0
SSE	.0	1.6	2.0	1.0	.2	.0						4.8	8.5
S	.1	2.8	7.2	6.4	3.2	.3	.0	.0				20.1	11.4
SSW	.0	1.2	2.5	1.4	.4	.1						5.7	9.9
SW	.1	1.3	1.5	.6	.1	.0						3.6	8.2
WSW		1.1	1.0	.4	.1	.0						2.6	8.0
W	.0	1.5	2.2	1.0	.0							4.7	8.3
WNW	.1	1.4	2.8	1.6	.4	.2	.0					6.7	10.2
NW	.0	1.5	2.4	2.6	1.0	.3	.0					7.9	11.5
NNW	.0	1.5	2.4	3.9	1.5	.5	.0					9.8	12.4
VARBL													
CALM												8.0	
	.5	20.0	32.7	26.6	9.8	2.2	.1	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 6526



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724586 STATION SALINA MAP KS 73-81 YEARS ALL MONTH ALL HOURS (L & T)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	2.7	3.0	1.4	.3	.0	.0				8.9	11.8
NNE	.0	.5	1.2	1.1	.3	.0	.0					3.2	10.8
NE	.0	.8	1.5	1.0	.2	.0	.0					3.4	9.7
ENE	.0	.8	1.4	.7	.1	.0						3.0	9.1
E	.0	1.2	2.0	1.1	.2	.0		.0				4.4	9.0
ESE	.0	.9	1.6	.9	.2	.0						3.6	9.4
SE	.0	1.2	2.0	1.5	.3	.0	.0					5.0	9.8
SSE	.0	1.6	2.9	2.4	.8	.1	.0					7.8	10.5
S	.1	2.9	7.2	8.5	4.3	.6	.0	.0				23.5	12.2
SSW	.0	1.1	1.9	1.7	.7	.1	.0					5.4	10.8
SW	.0	.8	1.1	.7	.2	.0	.0					2.8	9.4
WSW	.0	.8	.7	.3	.1	.0	.0					2.0	8.6
W	.0	1.1	1.4	.7	.2	.0	.0					3.4	9.0
WNW	.0	1.3	1.9	1.1	.4	.1	.0	.0				4.9	9.9
NW	.0	1.1	1.8	1.6	.8	.2	.0	.0				5.5	11.4
NNW	.0	1.1	1.7	2.2	1.0	.3	.0	.0				6.4	12.0
VARBL													
CALM												6.6	
	.6	18.3	32.9	28.5	11.0	1.9	.2	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 76440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEARS

ALL  
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL  
HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	4.6	7.5	4.3	1.1	.1	.0				19.0	13.6
NNE	.0	.6	2.4	2.9	.9	.1	.0					7.0	11.8
NE		1.1	2.6	2.2	.5	.1						6.5	10.4
ENE	.0	1.1	2.3	1.7	.3	.0						5.5	9.8
E	.0	1.5	3.2	2.5	.3	.0						7.5	9.8
ESE		1.1	2.0	1.4	.3							4.8	9.6
SE	.1	.8	2.0	1.6	.4	.1	.0					5.0	10.6
SSE	.0	.9	1.9	2.0	.7	.1	.0					5.7	11.2
S	.1	1.2	3.5	4.0	2.4	.3	.0					11.5	12.5
SSW	.0	.3	.7	.5	.1	.0	.0					1.6	9.9
SW		.3	.4	.2	.0							1.0	8.4
WSW	.1	.3	.3	.1	.1	.0						.9	8.4
W	.0	.4	.5	.2	.1	.1						1.3	9.8
WNW		.6	.9	.8	.4	.2	.1	.0				3.0	11.9
NW	.1	.5	1.6	1.7	1.2	.3	.1					5.4	13.1
NNW	.0	.8	2.6	3.7	1.9	.6	.1	.0				9.7	13.4
VARBL													
CALM												4.6	
	.5	13.0	31.5	33.2	13.8	2.9	.4	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

7662

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1940. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse 14c

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq 0$
NO CEILING														
1800														
1500					91.0									92.6
1200														
1000														
900														
800														
700														
600														
500									97.4					98.1
400														
300														
200														
100														
0					95.4		96.9			98.3				100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

**EXAMPLE # 4** Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

**EXAMPLE # 5** To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	41.1	63.3	63.7	64.1	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
900	44.1	68.1	68.5	68.8	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
800	44.1	68.1	68.5	68.8	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
700	45.0	69.2	69.6	70.0	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
600	45.4	69.6	70.0	70.3	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
500	47.4	72.4	72.9	73.3	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
400	47.4	72.4	72.9	73.3	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
300	48.6	74.1	74.6	74.9	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
200	49.1	74.7	75.2	75.6	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
100	49.8	75.3	75.8	76.2	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1
000	49.9	76.1	76.7	77.1	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
1000	49.9	76.4	77.1	77.4	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
900	50.0	76.9	77.7	78.1	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
800	50.1	77.2	77.9	78.3	78.8	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
700	51.4	79.7	80.4	80.8	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
600	52.4	83.3	81.2	81.5	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
500	53.1	82.0	82.9	83.3	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
400	53.4	82.4	83.3	83.7	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
300	53.4	83.5	84.4	84.9	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
200	53.4	84.8	86.2	86.7	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
100	54.0	85.8	87.3	88.0	89.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
000	54.0	86.0	87.5	88.4	90.0	90.1	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
1000	54.0	86.0	87.7	88.8	90.4	90.6	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8
900	54.0	86.0	87.9	89.0	91.0	91.3	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
800	54.0	86.2	88.4	89.9	91.9	92.1	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
700	54.0	86.2	88.5	90.3	92.5	92.8	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6
600	54.0	86.2	88.7	90.4	93.1	93.4	95.4	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.1
500	54.0	86.2	88.7	90.4	93.3	93.5	95.9	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.9
400	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
300	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
200	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
100	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1
000	54.0	86.2	88.7	90.5	93.6	94.0	96.4	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.1

TOTAL NUMBER OF OBSERVATIONS 800

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

		VISIBILITY - STATUTE MILES															
		20	25	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	FEET	39.7	60.7	60.8	61.0	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
2000	FEET	40.8	65.1	65.2	65.5	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3000	FEET	40.8	65.1	65.2	65.5	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
4000	FEET	41.6	66.3	66.5	66.7	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
5000	FEET	41.9	67.0	67.1	67.3	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
6000	FEET	43.4	68.7	68.8	69.1	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
7000	FEET	43.5	68.8	68.9	69.2	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
8000	FEET	44.3	70.3	70.4	70.7	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
9000	FEET	45.5	71.5	71.6	71.9	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
10000	FEET	46.2	72.6	72.7	73.0	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
11000	FEET	47.8	75.0	75.3	75.6	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
12000	FEET	47.8	75.1	75.5	75.7	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
13000	FEET	47.8	75.3	75.7	76.0	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
14000	FEET	48.3	76.0	76.3	76.6	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
15000	FEET	49.2	77.3	77.7	77.9	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
16000	FEET	49.8	78.1	78.4	78.7	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
17000	FEET	50.7	79.3	79.8	80.0	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
18000	FEET	50.7	79.5	80.0	80.3	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
19000	FEET	50.8	80.4	80.9	81.5	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
20000	FEET	51.2	82.0	82.5	83.2	84.1	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
21000	FEET	51.3	82.7	83.6	84.6	85.7	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
22000	FEET	51.5	83.0	84.5	85.7	86.8	86.9	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
23000	FEET	51.9	83.7	85.3	86.6	87.8	88.0	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
24000	FEET	51.9	83.8	85.9	87.4	88.9	89.1	90.0	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
25000	FEET	51.9	84.1	86.4	88.5	90.0	90.5	91.5	92.1	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
26000	FEET	51.9	84.2	86.8	88.9	90.6	91.4	92.5	93.2	93.5	93.7	93.8	93.8	94.2	94.2	94.2	94.2
27000	FEET	51.9	84.2	86.9	89.0	91.1	92.1	93.2	94.2	94.5	94.7	94.8	94.8	95.2	95.2	95.2	95.2
28000	FEET	51.9	84.2	86.9	89.1	91.5	92.5	94.1	95.1	95.3	95.7	96.1	96.1	96.8	96.9	96.9	96.9
29000	FEET	51.9	84.2	86.9	89.1	91.5	92.5	94.2	95.3	95.6	96.1	96.7	96.7	98.0	98.2	98.3	98.3
30000	FEET	51.9	84.2	86.9	89.1	91.5	92.5	94.2	95.3	95.6	96.1	96.7	96.7	98.4	98.5	98.6	98.9

TOTAL NUMBER OF OBSERVATIONS 811

## CEILING VERSUS VISIBILITY

JAN

0600-0800

TOTAL NUMBER OF OBSERVATIONS 808

USAF ETAC 0-14-5. OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY		CEILING															
		0-24	25-49	50-99	100-149	150-199	200-249	250-299	300-349	350-399	400-449	450-499	500-549	550-599	600-649	650-699	700-749
0-24	32.1	49.4	49.5	49.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0
25-49	37.3	58.9	59.0	59.1	59.6	59.6	60.0	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3
50-99	37.5	58.6	59.1	59.3	59.8	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
100-149	38.3	59.0	60.2	60.7	60.7	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3
150-199	39.2	60.7	61.2	61.3	61.8	61.8	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4
200-249	42.1	66.0	66.5	66.7	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
250-299	42.1	66.0	66.5	66.7	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
300-349	43.4	67.9	68.4	68.5	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7
350-399	43.9	68.4	68.9	69.0	69.5	69.5	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
400-449	44.7	69.8	70.3	70.4	70.9	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6
450-499	46.2	71.9	72.4	72.7	73.2	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9
500-549	46.4	72.2	72.7	73.1	73.6	73.6	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
550-599	47.4	73.4	74.1	74.7	75.3	75.3	75.8	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1
600-649	48.5	74.7	75.3	75.9	76.6	76.6	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
650-699	49.2	76.1	76.7	77.7	78.4	78.4	78.9	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2
700-749	49.7	76.7	77.3	78.3	79.1	79.1	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8
750-799	50.4	78.1	78.7	79.9	80.7	80.7	81.2	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5
800-849	50.4	78.4	79.1	80.3	81.1	81.1	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
850-899	51.0	79.3	80.3	81.7	82.5	82.5	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
900-949	51.0	80.6	82.0	83.5	84.2	84.3	85.0	85.0	85.0	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5
950-999	51.4	81.5	83.7	85.8	86.8	87.0	87.6	87.7	87.7	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2
1000-1049	51.4	81.8	84.8	87.1	88.1	88.2	88.8	89.1	89.1	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7
1050-1099	51.4	82.0	85.3	88.1	89.3	89.5	90.5	90.7	90.7	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5
1100-1149	51.4	82.1	85.5	88.2	89.6	89.7	90.7	91.1	91.1	91.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9
1150-1199	51.4	82.1	85.5	88.5	90.0	90.1	91.1	91.5	91.5	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2
1200-1249	51.4	82.2	86.1	89.2	91.2	91.5	93.1	93.5	93.6	94.4	94.9	94.9	95.7	95.7	95.7	95.7	95.7
1250-1299	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.2	95.4	96.2	96.9	96.9	97.9	97.9	97.9	97.9	97.9
1300-1349	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.0	99.0	99.0	99.0	99.0
1350-1399	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.2	99.2	99.4	99.6	99.6
1400-1449	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.2	99.2	99.4	99.7	99.7
1450-1499	51.4	82.3	86.3	89.6	92.4	92.7	94.6	95.5	96.1	97.1	97.9	97.9	99.2	99.2	99.4	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 708

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO. OF OBS.	33.4	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
2-0000	38.2	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
2-0000	38.2	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
2-0000	38.2	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
2-0000	39.9	61.8	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
2-0000	39.9	62.5	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2-0000	41.8	67.3	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
2-0000	41.9	67.4	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
2-0000	44.8	70.7	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2-0000	45.0	70.8	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
2-0000	45.7	71.8	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
2-0000	46.9	73.9	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
2-0000	47.3	74.3	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2-0000	47.9	74.9	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2-0000	49.3	76.4	77.2	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
2-0000	50.1	77.6	78.8	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2-0000	50.7	78.2	79.2	79.6	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2-0000	51.3	80.0	81.7	82.0	82.3	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2-0000	51.3	80.5	82.2	82.5	82.8	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
2-0000	52.1	82.3	84.1	85.0	85.2	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2-0000	52.4	83.4	85.6	86.5	86.8	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2-0000	52.5	84.1	86.2	87.9	88.9	89.2	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2-0000	52.5	84.3	86.6	88.5	89.7	89.9	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2-0000	52.6	84.7	87.6	90.1	91.2	91.5	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
2-0000	52.6	85.0	88.2	90.7	91.8	92.2	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
2-0000	52.6	85.0	88.2	91.0	92.1	92.5	93.6	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
2-0000	52.6	85.0	88.3	91.3	92.7	93.8	95.3	95.8	96.2	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9
2-0000	52.6	85.0	88.4	91.6	93.1	94.1	95.8	96.4	96.8	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
2-0000	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.1	98.5	98.5	98.6	98.7	99.0	99.0	99.0
2-0000	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.2	98.7	98.7	99.4	99.6	100.0	100.0	100.0
2-0000	52.7	85.1	88.5	92.1	93.6	94.6	96.4	97.1	97.5	98.2	98.7	98.7	99.4	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 785

USAF ETAC 0-14-5/OL AT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	28	24	2	20	22	24	26	28	30	32	34	36	38	40
10000	36.9	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
8000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
6000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
4000	41.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
2000	42.8	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
1000	43.7	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
800	46.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
600	46.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
400	47.7	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
200	47.9	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
100	48.3	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
80	48.7	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
60	49.1	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8
40	50.2	78.1	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
20	50.6	78.8	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
10	50.8	80.1	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6
8	51.2	81.6	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
6	51.9	83.1	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
4	52.1	83.9	85.3	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
2	52.8	85.6	87.0	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2
1	53.3	86.8	88.7	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
0.8	53.3	87.7	89.9	90.7	90.8	91.0	91.2	91.4	91.4	91.4	91.5	91.5	91.7	91.7	91.7	91.7
0.6	53.3	87.8	90.0	91.0	91.2	91.4	91.5	91.8	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0
0.4	53.3	87.9	90.3	91.8	92.0	92.4	92.8	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
0.2	53.3	88.2	90.7	92.3	92.8	93.4	93.8	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
0.1	53.3	88.3	91.5	93.2	93.9	94.5	94.9	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
0.08	53.3	88.3	91.5	93.3	94.1	95.0	95.5	96.4	96.4	96.5	96.6	96.6	97.0	97.0	97.0	97.0
0.06	53.3	88.3	91.5	93.3	94.1	95.1	95.8	96.6	96.8	97.0	97.3	97.3	97.9	97.9	98.0	98.0
0.04	53.3	88.3	91.5	93.3	94.3	95.3	96.0	96.9	97.3	97.9	98.3	98.3	98.9	98.9	99.0	99.0
0.02	53.3	88.3	91.5	93.3	94.3	95.3	96.1	97.0	97.4	98.0	98.9	98.9	99.8	99.8	99.9	99.9
0.01	53.3	88.3	91.5	93.3	94.3	95.3	96.1	97.0	97.4	98.0	98.9	98.9	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1900-2000

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO DATA	37.3	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
1-100	41.2	64.6	65.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
1-200	41.2	64.6	65.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
1-300	42.4	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
1-400	43.5	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4
1-500	47.0	72.2	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
1-600	47.0	72.2	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
1-700	48.0	73.4	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
1-800	48.4	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
1-900	49.0	75.2	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
2-100	49.6	76.2	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
2-200	49.8	76.3	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
2-300	51.1	78.0	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
2-400	51.7	79.2	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
2-500	52.0	80.3	80.8	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
2-600	52.2	81.6	82.1	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
2-700	52.7	83.3	83.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4
2-800	53.1	83.6	84.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
2-900	53.2	85.0	85.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
3-100	53.6	86.1	87.2	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
3-200	53.7	86.6	88.1	89.3	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
3-300	53.7	86.6	88.5	90.0	90.6	90.7	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
3-400	53.7	87.1	89.2	90.8	91.8	92.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
3-500	53.7	87.1	89.2	90.8	91.8	92.1	92.1	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.3
3-600	53.7	87.2	89.3	91.4	92.7	92.9	93.1	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.5
3-700	53.7	87.2	89.3	91.4	92.7	92.9	93.1	94.5	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.8
3-800	53.7	87.5	89.7	91.9	93.3	93.8	94.0	95.5	95.8	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.3
3-900	53.7	87.5	89.8	92.3	93.7	94.2	94.4	95.9	96.3	97.0	97.8	97.8	97.9	97.9	97.9	97.9	98.1
4-100	53.7	87.5	89.8	92.3	93.7	94.2	94.7	96.2	96.7	97.6	98.9	98.9	99.3	99.3	99.3	99.3	99.5
4-200	53.7	87.5	89.8	92.3	93.7	94.2	94.7	96.2	96.7	97.6	98.9	98.9	99.4	99.5	99.5	99.5	100.0
4-300	53.7	87.5	89.8	92.3	93.7	94.2	94.7	96.2	96.7	97.6	98.9	98.9	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAF ETAC 0-145 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
A1- WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

		VISIBILITY - STATUTE MILES															
CEILING - FEET		210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1	10000	39.3	59.8	67.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
2	8000	42.8	65.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
3	6000	42.8	65.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
4	4000	43.9	66.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
5	2000	44.4	67.0	68.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
6	1000	47.2	70.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
7	800	47.2	70.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
8	600	47.9	71.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
9	400	47.9	72.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
10	200	49.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
11	100	49.6	74.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
12	50	49.6	75.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
13	25	50.2	76.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
14	10	50.6	76.9	77.9	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
15	5	50.9	78.3	79.3	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
16	2.5	51.6	79.9	81.1	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
17	1.5	52.4	81.8	83.1	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
18	1	52.8	82.3	83.7	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
19	.75	53.7	84.1	85.6	86.4	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
20	.5	54.2	85.3	86.8	87.7	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
21	.25	54.7	85.9	87.8	88.8	89.8	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
22	.1	54.7	86.2	88.5	90.0	91.3	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
23	.05	54.7	86.3	88.8	90.7	92.3	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
24	.025	54.7	86.3	89.1	91.3	93.0	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
25	.01	54.7	86.3	89.1	92.1	93.7	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
26	.005	54.7	86.3	89.2	92.6	94.2	94.4	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
27	.0025	54.7	86.4	89.3	92.8	94.5	94.9	95.7	96.4	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7
28	.001	54.7	86.4	89.3	93.0	94.6	95.0	96.1	96.7	96.9	96.9	96.9	97.0	97.4	97.4	97.4	97.4
29	.0005	54.7	86.4	89.3	93.0	94.6	95.2	96.5	97.2	97.5	97.9	98.1	98.2	98.9	98.9	98.9	99.0
30	.00025	54.7	86.4	89.3	93.0	94.6	95.2	96.5	97.2	97.5	97.9	98.1	98.2	98.9	99.1	99.1	99.4
31	.0001	54.7	86.4	89.3	93.0	94.6	95.2	96.5	97.2	97.5	97.9	98.1	98.2	98.9	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 797

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET		20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122	128	134	140	146	152	158	164	170	176	182	188	194	200
NO	CEILING	37.0	57.1	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
2	2000	40.7	63.9	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
2	1800	40.7	64.0	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
2	1600	41.7	65.3	65.7	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2	1400	42.3	66.1	66.5	66.7	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
2	1200	44.7	69.9	70.3	70.5	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2	1000	44.7	73.0	70.4	70.6	70.7	70.7	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
2	800	45.9	71.6	72.0	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
2	600	46.4	72.2	72.7	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2	400	47.2	73.3	73.8	74.0	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
2	200	48.0	74.7	75.2	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
2	100	48.2	75.1	75.7	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
2	50	49.0	76.1	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
2	350	49.6	76.9	77.6	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
2	300	50.3	78.3	79.0	79.5	79.7	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2	250	50.8	79.3	80.0	80.6	80.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
2	200	51.5	80.8	81.8	82.4	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2	1800	51.7	81.2	82.2	82.9	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2	1500	52.2	82.5	83.7	84.6	85.0	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
2	1200	52.6	83.8	85.2	86.1	86.7	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2	1000	52.8	84.6	86.4	87.6	88.5	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2	800	52.9	84.9	87.0	88.4	89.4	89.6	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2	600	52.9	85.1	87.5	89.3	90.5	90.7	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2	400	52.9	85.2	87.8	89.8	91.1	91.4	92.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2	200	52.9	85.3	88.1	90.4	91.8	92.1	92.9	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2	100	52.9	85.4	88.3	90.8	92.4	92.9	94.0	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2	50	52.9	85.4	88.5	91.0	92.9	93.6	94.9	95.7	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2	300	52.9	85.4	88.5	91.1	93.2	93.8	95.3	96.2	96.5	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2	100	52.9	85.4	88.5	91.1	93.2	93.9	95.5	96.4	96.7	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2	50	52.9	85.4	88.5	91.1	93.2	93.9	95.5	96.4	96.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 6410

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF- WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

734586 SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

		VISIBILITY - STATUTE MILES															
		20	26	31	34	39	42	47	50	54	57	61	64	67	70	74	77
1	1000	41.6	61.3	63.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
2	900	44.2	65.3	67.2	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
3	800	44.2	65.3	67.2	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
4	700	44.2	65.3	67.2	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
5	600	44.8	66.1	67.9	68.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
6	500	44.9	66.2	68.1	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
7	400	46.1	67.5	69.4	70.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
8	300	46.1	67.5	69.4	70.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
9	200	46.4	68.1	69.9	70.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
10	100	46.6	68.7	70.6	71.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
11	000	47.2	69.8	71.7	72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
12	500	47.8	70.9	72.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
13	450	47.8	70.9	72.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
14	400	48.5	72.1	74.0	75.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
15	350	49.0	73.0	75.0	75.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
16	300	49.9	74.0	76.2	77.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
17	250	50.1	75.5	77.7	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
18	200	50.7	77.6	80.0	80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
19	180	51.3	78.5	81.1	82.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
20	150	51.5	80.0	82.8	83.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
21	120	52.1	81.6	84.8	86.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
22	100	52.5	82.1	85.4	87.2	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
23	90	52.5	82.4	85.7	87.5	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
24	80	52.5	82.4	86.0	88.1	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
25	70	52.5	82.4	86.2	88.5	91.5	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
26	60	52.5	82.4	86.5	88.7	92.1	92.3	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
27	50	52.5	82.4	86.5	88.9	92.7	93.0	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
28	40	52.5	82.4	86.5	89.0	93.1	93.4	94.4	95.2	95.4	95.6	95.6	95.6	95.6	96.0	96.0	96.2
29	30	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	96.3	96.6	96.7	97.0	97.0	97.1	97.1
30	20	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	97.1	97.4	97.5	98.5	98.5	98.9	98.9
31	10	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	97.1	97.4	97.5	99.1	99.1	99.5	99.5
32	0	52.5	82.4	86.5	89.0	93.5	93.8	94.8	95.6	95.8	97.1	97.4	97.5	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 755

2

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
NO. CEILING	35.3	55.1	55.3	55.6	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
2 2000	38.6	59.2	59.8	60.2	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
2 1800	38.6	59.2	59.8	60.2	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
2 1600	38.6	59.2	59.8	60.2	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
2 1400	39.6	60.3	60.8	61.2	61.5	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
2 1200	39.7	60.7	61.2	61.6	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
2 1000	41.7	64.2	64.7	65.1	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
2 900	41.7	64.2	64.7	65.1	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
2 800	42.1	64.6	65.1	65.5	65.8	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2 700	42.5	65.1	65.7	66.1	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
2 600	43.6	66.6	67.6	68.0	68.2	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
2 500	44.4	67.8	68.8	69.2	69.4	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2 450	44.5	68.1	69.0	69.4	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
2 400	44.8	68.4	69.3	69.7	70.0	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
2 350	45.1	69.0	70.3	70.8	71.1	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2 300	45.1	69.3	70.8	71.3	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
2 250	45.4	69.9	71.3	71.9	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
2 200	46.3	72.0	73.6	74.2	74.6	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2 1800	46.4	72.9	74.7	75.4	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
2 1600	47.0	73.9	75.6	76.3	76.7	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2 1400	48.2	76.6	78.5	80.1	80.8	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
2 1200	48.2	77.1	79.0	81.3	82.0	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
2 1000	48.2	77.1	79.0	81.3	82.0	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
2 900	48.2	77.1	79.0	81.3	82.0	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
2 800	48.2	77.3	79.3	82.0	83.6	84.3	84.8	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5
2 700	48.2	77.3	79.3	82.0	83.6	84.3	84.9	85.6	85.9	86.1	86.3	86.5	86.5	86.5	86.5	86.5
2 600	48.2	77.3	79.4	82.6	84.7	85.3	86.1	86.4	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2
2 500	48.2	77.3	79.5	82.8	85.2	86.0	87.5	88.0	88.4	89.0	89.4	89.4	89.5	89.5	89.5	89.5
2 450	48.2	77.4	79.7	82.9	85.5	86.4	88.8	89.6	90.0	90.6	91.3	91.4	91.7	91.7	91.7	91.7
2 400	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.0	91.8	92.9	93.0	94.1	94.1	94.2	94.2
2 350	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.6	94.1	94.2	96.4	96.4	97.0	97.0
2 300	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.7	94.6	95.0	97.7	97.7	98.8	99.2
2 250	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.7	94.6	95.0	97.7	97.7	98.8	99.2
2 200	48.2	77.4	79.7	83.0	85.7	87.1	89.5	90.6	91.3	92.7	94.6	95.0	97.7	97.7	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 743

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

9900-1100

CEILING FEET	VISIBILITY STATISTICAL VALUES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .001
NO CEILING	31.7	50.9	51.5	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 2000	35.9	56.4	57.2	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 1800	35.9	56.4	57.3	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1600	35.9	56.5	57.3	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1400	37.2	58.0	58.8	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1200	37.8	58.8	59.6	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1000	40.4	61.7	62.5	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 900	40.4	62.0	62.8	63.2	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 800	40.8	62.5	63.3	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 700	41.5	63.3	64.1	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 600	42.3	64.7	65.5	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 500	43.0	65.3	66.1	66.5	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	43.1	65.5	66.4	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	43.6	66.1	67.1	67.5	68.0	68.0	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	43.6	66.5	67.5	68.0	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	43.6	66.5	67.5	68.0	68.5	68.5	68.7	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1
≥ 2500	44.2	67.2	68.5	69.6	70.1	70.1	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	45.1	69.5	71.2	72.4	73.0	73.2	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1800	45.1	69.5	71.2	72.4	73.0	73.2	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1600	45.9	71.0	73.2	74.6	75.2	75.2	75.9	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1400	46.3	72.6	75.1	77.0	77.6	77.9	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 1200	46.3	73.5	76.6	79.1	80.5	80.7	81.7	81.8	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.1
≥ 1000	46.3	73.9	77.1	79.7	81.4	81.7	82.6	83.1	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7
≥ 900	46.3	73.9	77.4	80.2	82.1	82.6	83.7	84.5	84.5	84.7	84.7	84.9	85.1	85.1	85.1	85.1
≥ 800	46.5	74.0	78.2	81.1	83.1	84.1	85.3	86.2	86.2	86.5	86.5	86.6	86.9	86.9	86.9	86.9
≥ 700	46.5	74.0	78.4	81.5	83.9	84.9	86.3	87.4	87.4	87.7	87.8	88.0	88.5	88.5	88.5	88.5
≥ 600	46.5	74.2	78.7	81.8	84.7	86.3	88.0	89.7	89.8	90.4	90.5	90.8	91.6	91.6	91.6	91.6
≥ 500	46.5	74.2	78.7	81.8	84.7	86.3	88.2	90.2	90.6	91.4	91.8	92.1	93.0	93.0	93.0	93.0
≥ 4500	46.5	74.2	78.8	82.1	85.1	86.9	88.8	91.3	91.8	93.4	94.1	94.5	96.0	96.1	96.1	96.1
≥ 4000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	94.9	95.3	97.2	97.3	97.5	97.5
≥ 3500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 3000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 2500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 2000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1800	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1600	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1400	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1200	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 900	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 800	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 700	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 600	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 4500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 4000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 3500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 3000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 2500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 2000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1800	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1600	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1400	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1200	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 900	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 800	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 700	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 600	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 4500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 4000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 3500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 3000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 2500	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 2000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1800	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1600	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1400	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1200	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 1000	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 900	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1	93.8	95.3	96.0	98.1	98.4	99.1	99.2
≥ 800	46.5	74.2	78.8	82.1	85.1	87.0	88.9	91.4	92.1							

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

		VISIBILITY - STATUTE MILES															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	1000	33.8	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
2	900	38.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
3	800	38.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
4	700	39.3	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
5	600	40.1	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
6	500	40.9	61.5	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
7	400	41.0	61.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
8	300	41.3	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
9	200	42.2	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
10	100	43.0	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
11	50	43.9	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
12	25	44.3	66.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
13	10	44.9	67.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
14	5	45.3	68.0	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
15	2	46.3	69.2	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
16	1	47.3	70.8	72.2	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
17	0.5	47.8	73.0	74.6	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
18	0.25	48.2	73.6	75.5	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
19	0.1	48.6	75.9	78.0	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
20	0.05	48.6	77.5	80.3	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
21	0.025	48.6	78.4	81.4	83.4	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
22	0.01	48.6	78.7	82.2	84.4	85.9	86.0	86.3	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0
23	0.005	48.9	79.4	83.5	86.0	88.0	88.3	88.9	89.3	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9
24	0.0025	48.9	79.4	83.6	86.4	88.4	88.9	89.6	90.0	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5
25	0.001	48.9	79.5	83.9	87.0	89.1	89.7	90.5	90.9	91.1	91.3	91.7	91.7	91.9	91.9	91.9	91.9
26	0.0005	48.9	79.6	84.3	88.3	90.5	92.3	93.6	94.0	94.1	94.5	94.9	94.9	95.2	95.2	95.2	95.2
27	0.00025	48.9	79.6	84.3	88.4	90.9	92.9	94.3	94.8	94.9	95.5	96.3	96.3	96.5	96.5	96.5	96.5
28	0.0001	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.3	97.6	98.0	98.3	98.4	98.4	98.4
29	0.00005	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.4	97.7	98.3	98.7	98.8	99.2	99.6
30	0.000025	48.9	79.6	84.3	88.4	90.9	93.1	94.4	95.3	95.5	96.4	97.7	98.3	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 751

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	36.2	54.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
2 20000	40.9	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
2 18000	40.9	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
2 16000	40.9	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
2 14000	41.2	62.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
2 12000	41.7	63.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 10000	43.2	64.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
2 9000	43.4	64.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2 8000	43.7	65.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
2 7000	44.2	66.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2 6000	44.5	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
2 5000	45.7	69.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
2 4500	45.2	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2 4000	46.5	70.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
2 3500	46.9	71.4	72.8	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 3000	48.4	72.9	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
2 2500	49.2	75.5	76.8	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
2 2000	49.6	77.6	79.8	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
2 1800	49.7	77.9	80.0	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0
2 1500	50.7	79.9	82.4	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8
2 1200	50.8	81.5	85.0	86.2	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.3	87.3	87.3
2 1000	50.9	83.1	87.3	88.9	89.7	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.6	90.6	90.6
2 900	50.9	83.1	87.3	89.1	90.3	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4
2 800	50.9	83.4	87.8	89.7	90.9	91.4	91.4	91.7	91.8	91.8	91.8	91.8	91.8	92.1	92.1	92.1
2 700	50.9	83.4	87.8	89.8	91.6	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2
2 600	50.9	83.4	88.2	91.0	92.9	93.7	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5
2 500	50.9	84.0	88.4	91.8	93.8	95.3	95.7	96.2	96.4	96.5	96.5	96.5	96.5	96.8	96.8	96.8
2 400	50.9	84.0	89.0	92.1	94.4	96.0	96.5	97.1	97.3	97.5	97.5	97.5	97.5	97.7	97.7	97.7
2 300	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	98.7	99.1	99.1	99.1
2 200	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	98.7	99.5	99.5	99.5
2 100	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	98.7	99.5	99.6	99.6
2 0	50.9	84.0	89.0	92.1	94.5	96.4	96.9	97.7	98.1	98.5	98.7	98.7	98.7	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 746

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

774586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

ELEVATION FEET		VISIBILITY - STATUTE MILES															
		20	26	24	24	23	22	22	21	21	20	20	19	19	18	18	17
NO. ELEV.		37.3	57.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2 20000		40.7	64.7	66.1	66.1	66.	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
2 8000		40.7	64.7	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
2 6000		40.7	64.7	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
2 4000		41.6	65.8	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2 2000		41.8	65.9	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2 10000		43.5	68.4	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 9000		43.5	68.4	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 8000		44.1	68.9	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2 7000		44.7	69.9	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2 6000		46.2	71.5	72.8	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 5000		46.6	73.5	75.0	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2 4500		46.9	73.8	75.3	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
2 4000		47.4	74.3	75.9	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
2 3500		47.8	75.3	77.0	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
2 3000		49.1	77.6	79.3	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
2 2500		49.5	79.5	81.4	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
2 2000		49.9	80.5	82.8	83.6	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
2 800		50.1	80.8	83.4	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
2 750		50.9	82.4	85.8	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
2 1200		50.9	83.6	87.7	88.9	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2 1000		51.1	84.1	88.4	89.9	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2 900		51.2	84.2	88.8	90.7	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2 800		51.2	84.3	89.1	91.2	92.0	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2 700		51.2	84.3	89.2	91.8	92.8	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2 600		51.2	84.3	89.2	91.9	93.4	94.2	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2 500		51.2	84.4	89.5	92.6	94.1	95.0	95.3	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7
2 400		51.2	84.6	89.5	92.6	94.2	95.3	95.8	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
2 300		51.2	84.6	89.5	92.6	94.2	95.5	96.1	96.9	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2
2 200		51.2	84.6	89.5	92.6	94.3	95.7	96.2	97.0	98.0	98.6	99.1	99.3	99.5	99.5	99.5	99.5
2 100		51.2	84.6	89.5	92.6	94.3	95.7	96.2	97.0	98.0	98.8	99.3	99.6	99.9	99.9	99.9	99.9
2		51.2	84.6	89.5	92.6	94.3	95.7	96.2	97.0	98.0	98.8	99.3	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 740

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY IN STATUTE MILES															
	210	26	31	34	37	41	45	49	54	59	64	69	74	79	84	89
NO. CEILING	40.8	62.7	64.2	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
2 20000	42.9	67.3	68.9	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 18000	42.9	67.3	68.9	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 16000	42.9	67.3	68.9	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 14000	43.4	68.2	69.8	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2 12000	43.8	68.6	70.2	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
2 10000	45.2	71.3	73.2	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
2 9000	45.2	71.3	73.2	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
2 8000	45.8	72.1	74.0	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2 7000	46.0	72.4	74.3	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2 6000	46.6	73.1	75.1	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2 5000	47.5	74.3	76.3	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
2 4500	47.5	74.4	76.4	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2 4000	48.1	75.1	77.1	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
2 3500	48.7	76.1	78.2	79.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2 3000	49.7	78.3	80.4	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
2 2500	49.9	79.4	81.5	82.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2 2000	50.1	81.9	84.5	85.3	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2 1800	50.3	82.2	85.1	86.1	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2 1500	50.5	83.2	86.7	88.1	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
2 1200	50.5	83.9	88.5	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
2 1000	50.5	83.9	88.5	90.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2 900	50.5	83.9	88.5	90.6	90.9	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2 800	50.5	83.9	89.0	91.4	91.7	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2 700	50.5	84.0	89.4	92.2	92.8	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2 600	50.5	84.2	89.7	92.6	93.3	93.3	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2 500	50.5	84.2	89.7	92.8	93.8	94.0	94.5	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
2 400	50.5	84.2	89.7	93.0	94.4	94.8	95.4	95.8	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2 300	50.5	84.2	89.7	93.0	94.5	94.9	95.6	96.1	97.1	97.2	97.3	97.3	97.3	97.6	97.6	97.6
2 200	50.5	84.2	89.7	93.0	94.6	95.0	95.7	96.2	97.3	98.1	98.4	98.4	98.4	99.2	99.2	99.2
2 100	50.5	84.2	89.7	93.0	94.6	95.0	95.7	96.2	97.3	98.4	98.7	98.7	98.7	99.5	99.5	99.5
2 00	50.5	84.2	89.7	93.0	94.6	95.0	95.7	96.2	97.3	98.4	98.7	98.7	98.7	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586  
STATION

SALINA MAP KS  
STATION NAME

73-81  
YEAR

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
DATA

CEILING FEET	VISIBILITY AT TEMPERATURE															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	37.3	56.8	57.7	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	40.8	62.2	63.3	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	40.8	62.2	63.3	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	40.8	62.2	63.3	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	41.6	63.2	64.4	64.7	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	41.9	63.7	64.8	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	43.5	65.9	67.0	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	43.5	66.0	67.2	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	44.0	66.6	67.8	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	44.5	67.3	68.5	68.8	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	45.2	68.5	69.7	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	45.9	69.7	71.0	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	46.1	69.9	71.3	71.6	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	46.6	70.6	72.0	72.3	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	47.7	71.4	72.9	73.3	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	47.7	72.6	74.2	74.6	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	48.2	73.9	75.6	76.3	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 2000	48.7	75.9	77.9	78.6	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800	49.0	76.4	78.6	79.3	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 1500	49.6	78.1	80.5	81.4	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	50.0	79.7	82.7	84.1	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1000	50.1	80.4	83.7	85.6	86.5	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 900	50.1	80.5	84.0	86.0	87.3	87.6	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	50.1	80.7	84.4	86.7	88.3	88.7	89.1	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7
≥ 700	50.2	80.7	84.7	87.3	89.1	89.7	90.1	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8
≥ 600	50.2	80.8	84.9	87.7	89.7	90.4	91.1	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9
≥ 500	50.2	80.9	85.2	88.2	90.6	91.6	92.6	93.1	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9
≥ 400	50.2	81.0	85.2	88.3	90.9	92.0	93.2	94.0	94.4	94.8	95.0	95.1	95.4	95.4	95.4	95.4
≥ 300	50.2	81.0	85.2	88.4	91.1	92.4	93.6	94.7	95.1	95.7	96.3	96.4	97.0	97.1	97.1	97.1
≥ 200	50.2	81.0	85.2	88.4	91.1	92.4	93.7	94.8	95.3	96.3	96.9	97.1	98.3	98.4	98.6	98.6
≥ 100	50.2	81.0	85.2	88.4	91.1	92.4	93.7	94.8	95.3	96.4	97.2	97.5	99.0	99.1	99.4	99.5
≥ 0	50.2	81.0	85.2	88.4	91.1	92.4	93.7	94.8	95.3	96.4	97.2	97.5	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5983

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET		VISIBILITY STATUTE MILES															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
NO. CEILING	2 2000	37.4	55.0	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
	2 1800	40.0	60.8	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
2 1600	2 1400	40.0	60.8	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
	2 1200	40.0	60.8	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
2 1000	2 800	40.4	61.6	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
	2 600	41.7	63.2	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 400	2 200	41.8	63.4	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
	2 000	42.6	64.6	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
2 800	2 600	43.4	65.7	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	2 400	44.1	67.2	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
2 600	2 400	45.2	68.9	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	2 200	45.7	69.5	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
2 400	2 200	46.2	71.1	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	2 000	46.8	72.8	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2 200	2 000	47.2	73.7	74.5	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	1800	47.7	74.8	75.9	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2 000	1800	48.1	77.5	78.7	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	1600	48.7	77.9	79.3	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
1800	1600	49.0	79.7	81.3	82.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
	1400	49.3	80.6	83.1	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
1600	1400	49.8	82.0	84.6	86.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	1200	49.9	82.2	85.0	86.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1400	1200	50.0	82.4	85.4	87.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	1000	50.1	82.7	86.2	89.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
1200	1000	50.1	83.1	87.0	90.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	800	50.1	83.1	87.1	90.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1000	800	50.1	83.1	87.1	90.7	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	600	50.1	83.1	87.1	90.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
800	600	50.1	83.1	87.1	90.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	400	50.1	83.1	87.1	90.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
600	400	50.1	83.1	87.1	90.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	200	50.1	83.1	87.1	90.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
400	200	50.1	83.1	87.1	90.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	0	50.1	83.1	87.1	90.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 816

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	35.7	52.9	53.3	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 2000	37.1	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1800	37.1	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1600	37.1	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1400	37.8	59.1	59.6	60.0	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1200	37.9	59.2	59.7	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 1000	39.2	61.4	61.9	62.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 900	39.3	61.5	62.0	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 800	40.3	63.2	63.8	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 700	41.0	63.9	64.6	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 600	41.5	64.8	65.4	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 500	42.8	66.9	67.6	68.1	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 450	43.0	67.1	67.8	68.3	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 400	43.7	69.1	69.9	70.5	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 350	44.6	70.3	71.1	71.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 300	44.8	71.1	72.0	72.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 250	45.7	72.6	73.7	74.4	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 200	46.2	73.8	75.3	76.0	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 180	46.7	74.7	76.6	77.3	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 150	47.0	76.5	79.2	80.0	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 120	47.5	77.5	81.0	82.3	84.9	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 100	47.6	78.3	82.2	83.8	86.8	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 90	47.6	78.4	82.3	83.9	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 80	48.0	79.2	83.1	85.0	89.4	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 70	48.0	79.4	83.6	85.7	90.4	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 60	48.0	79.5	83.8	86.0	91.6	92.1	92.8	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 50	48.0	79.5	83.8	86.1	92.7	93.2	94.9	95.6	95.6	96.1	96.3	96.3	96.5	96.5	96.5	96.5
≥ 40	48.0	79.5	83.8	86.1	93.1	93.7	95.6	96.3	96.3	96.8	97.1	97.1	97.2	97.2	97.2	97.2
≥ 30	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.1	97.9	98.2	98.2	98.5	98.5	98.8	98.8
≥ 20	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.2	98.1	98.3	98.4	98.9	98.9	99.1	99.1
≥ 10	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.2	98.1	98.4	98.5	99.3	99.3	99.5	99.5
≥ 0	48.0	79.5	83.8	86.1	93.1	93.7	95.9	97.1	97.2	98.1	98.4	98.5	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2000	37.2	45.1	46.1	46.8	47.3	47.3	47.8	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
1800	33.0	50.7	51.7	52.7	53.4	53.5	54.0	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
1600	33.0	50.7	51.7	52.7	53.4	53.5	54.0	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
1400	33.4	51.5	52.4	53.4	54.1	54.2	54.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5
1200	33.7	52.7	53.6	54.6	55.3	55.5	55.9	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.7
1000	36.0	55.8	56.9	58.1	58.9	59.0	59.5	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2
900	36.2	56.3	57.4	58.6	59.3	59.5	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.7
800	36.9	58.4	59.5	60.7	61.4	61.5	62.0	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7
700	37.3	58.7	60.1	61.3	62.0	62.1	62.6	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3
600	37.9	59.7	61.0	62.3	63.0	63.1	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3
500	39.0	61.9	64.0	65.2	65.9	66.0	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2
450	39.3	62.4	64.6	65.8	66.5	66.6	67.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8
400	40.5	64.3	66.6	67.8	68.6	68.7	69.3	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
350	41.4	65.5	67.8	69.1	69.8	69.9	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2
300	41.6	66.5	68.9	70.4	71.2	71.4	72.0	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7
250	42.4	67.7	70.5	72.1	73.1	73.3	73.9	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.8
200	43.6	69.9	72.9	74.5	75.5	75.8	76.5	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3
180	43.8	70.9	74.4	76.0	76.9	77.1	77.9	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8
160	44.3	72.7	76.3	77.9	79.2	79.6	80.2	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.1
140	44.7	73.5	77.5	79.7	81.3	81.7	82.4	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4
120	44.7	74.4	78.6	81.2	83.1	83.5	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8
100	44.7	74.8	79.2	82.2	84.6	85.2	86.4	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0
90	44.7	75.2	80.0	83.0	85.7	86.3	87.6	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3
80	44.7	75.8	80.6	83.7	87.1	87.9	89.4	90.4	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
70	44.1	76.1	81.1	84.3	88.0	88.7	90.4	91.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
60	44.8	76.3	81.7	85.3	89.6	90.7	92.7	94.3	94.3	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.5
50	44.8	76.3	81.7	85.3	89.7	90.8	93.1	95.0	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.7
40	44.8	76.3	81.7	85.3	89.8	91.0	93.4	95.6	95.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.9
30	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.9
20	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	99.0
10	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	99.0
0	44.8	76.3	81.7	85.3	89.8	91.0	93.6	95.8	95.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	99.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING		VISIBILITY (STATUTE MILES)															
		2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0
1000	1000	29.2	41.0	41.6	41.8	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
1000	1000	35.2	51.0	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
1000	1000	35.2	51.0	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
1000	1000	36.0	52.6	53.5	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
1000	1000	36.2	53.5	54.3	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
1000	1000	38.5	56.1	57.0	57.3	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1000	1000	38.7	56.2	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
1000	1000	39.4	58.8	59.9	60.2	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
1000	1000	40.0	59.9	61.0	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
1000	1000	40.6	60.7	61.9	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
1000	1000	42.7	63.5	64.7	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
1000	1000	42.7	63.6	65.0	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
1000	1000	43.2	64.4	65.7	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1000	1000	44.1	65.6	66.9	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
1000	1000	44.0	66.5	68.0	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
1000	1000	45.3	68.4	69.8	70.8	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
1000	1000	46.7	71.9	73.8	74.9	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
1000	1000	46.8	72.2	74.2	75.4	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
1000	1000	47.8	74.7	77.2	78.7	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
1000	1000	48.6	76.2	79.0	80.7	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1000	1000	48.7	77.8	81.0	82.7	83.6	84.0	84.4	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
1000	1000	48.7	78.1	81.8	83.5	84.6	85.0	85.3	85.3	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
1000	1000	48.7	78.2	82.1	84.2	85.3	85.8	86.4	86.5	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
1000	1000	49.1	79.3	83.8	86.5	88.2	88.7	89.3	89.7	89.9	90.7	90.8	90.8	90.8	90.8	90.8	90.8
1000	1000	49.1	80.0	85.0	87.8	89.8	90.4	91.3	91.6	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8
1000	1000	49.1	80.1	85.9	89.3	92.1	92.7	93.9	94.3	94.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
1000	1000	49.1	80.1	85.9	89.8	93.2	93.8	95.2	96.0	96.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
1000	1000	49.1	80.1	85.9	89.8	93.2	93.8	95.4	96.5	97.1	98.5	98.8	98.8	98.9	98.9	99.2	99.2
1000	1000	49.1	80.1	85.9	89.8	93.2	93.8	95.5	96.7	97.3	98.8	99.2	99.2	99.5	99.5	99.9	100.0
1000	1000	49.1	80.1	85.9	89.8	93.2	93.8	95.5	96.7	97.3	98.8	99.2	99.2	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.01
NO CEILING	33.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 2000	38.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1800	38.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1600	38.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1400	39.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1200	40.3	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1000	41.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 900	41.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 800	43.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 700	43.4	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 600	43.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 500	44.8	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 450	45.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 400	45.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 350	46.1	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 300	46.9	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 250	48.2	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 200	50.3	77.3	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 180	50.5	77.9	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 150	51.9	81.2	82.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 120	52.5	82.9	84.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 100	52.7	84.4	86.0	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 90	52.9	84.8	87.0	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 80	52.9	85.2	87.8	90.0	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 70	52.9	85.5	88.5	91.6	92.8	93.0	93.0	93.2	93.3	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 60	52.9	86.8	89.8	93.1	94.9	95.0	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.1	96.1	96.1
≥ 50	52.9	87.2	90.5	94.3	96.2	96.4	96.8	97.1	97.2	97.4	97.4	97.4	97.4	97.7	97.8	97.8
≥ 40	52.9	87.2	90.5	94.4	96.6	96.8	97.3	97.9	98.2	98.5	98.5	98.5	98.5	99.1	99.3	99.3
≥ 30	52.9	87.2	90.5	94.4	96.8	97.1	97.7	98.4	98.7	99.1	99.1	99.1	99.1	99.8	99.9	99.9
≥ 20	52.9	87.2	90.5	94.4	96.8	97.1	97.7	98.4	98.7	99.1	99.1	99.1	99.1	99.8	99.9	99.9
≥ 10	52.9	87.2	90.5	94.4	97.0	97.2	97.8	98.5	98.8	99.3	99.3	99.3	99.3	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
2000	32.3	47.5	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
1800	36.6	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
1600	36.6	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
1400	36.9	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
1200	37.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1000	40.0	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
800	40.0	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
600	40.6	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
400	40.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
200	41.4	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
100	43.5	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
50	43.7	67.8	67.9	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
25	45.7	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
12.5	46.4	72.2	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
6.25	48.2	75.1	75.2	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
3.125	49.7	77.5	77.9	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
1.5625	51.0	80.7	81.2	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
0.78125	51.3	80.9	81.5	82.1	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
0.390625	52.6	83.8	84.4	85.3	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
0.1953125	52.9	85.2	86.1	87.0	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
0.09765625	53.0	86.8	87.8	89.2	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.048828125	53.1	87.1	88.3	89.8	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
0.0244140625	53.1	87.2	88.7	90.6	91.5	91.7	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
0.01220703125	53.0	87.2	88.8	91.3	92.2	92.6	93.1	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
0.006103515625	53.0	87.6	89.3	92.5	93.7	94.0	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
0.0030517578125	53.1	87.8	89.7	93.1	94.3	94.7	95.7	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
0.00152587890625	53.1	87.8	89.8	93.4	95.4	96.0	97.3	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0.000762939453125	53.1	87.8	89.8	93.4	95.4	96.0	97.6	98.1	98.1	98.9	99.0	99.0	99.0	99.0	99.1	99.1
0.0003814697265625	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0
0.00019073486328125	53.1	87.8	89.8	93.4	95.4	96.0	97.7	98.3	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 823

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET		VISIBILITY STATUTES MILES															
		210	26	21	14	11	10	7	5	4	3	2	1 1/2	1	3/4	1/2	1/4
NO. OF OBS.	NO. OF OBS.	36.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
21000	21000	40.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
18000	18000	40.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
15000	15000	40.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
12000	12000	40.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
9000	9000	40.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
6000	6000	42.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
3000	3000	42.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
2000	2000	44.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
1500	1500	44.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
1000	1000	45.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
800	800	47.1	71.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
600	600	47.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
450	450	48.8	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
300	300	48.9	75.3	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
200	200	50.4	77.3	77.4	77.4	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
150	150	51.8	80.0	80.1	80.1	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
100	100	53.0	82.8	83.1	83.3	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
75	75	53.4	84.3	85.2	85.5	86.4	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
50	50	53.4	85.8	86.9	87.3	88.1	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
25	25	53.4	86.8	88.0	88.9	90.0	90.2	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
10	10	53.5	87.0	88.8	89.7	91.1	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
5	5	53.5	87.0	88.9	90.1	91.8	92.3	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2	2	53.5	87.4	89.5	90.9	93.2	93.9	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1	1	53.5	87.4	89.9	91.3	93.7	94.6	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
0	0	53.6	87.6	90.4	92.1	94.4	95.4	96.5	97.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8
0	0	53.6	87.6	90.4	92.5	94.9	95.9	97.8	98.4	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0
0	0	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.6	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5
0	0	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.8	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0
0	0	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.8	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0
0	0	53.6	87.6	90.4	92.5	94.9	95.9	98.0	98.8	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	37.8	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 2000	40.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	40.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1600	40.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1400	40.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 1200	41.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1000	42.8	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 900	43.2	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 800	44.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 700	44.9	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 600	45.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 500	47.4	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 450	48.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 400	48.7	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 350	49.3	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 300	50.1	78.6	78.7	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 250	50.2	79.1	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 200	51.5	82.5	82.8	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 180	51.7	82.8	83.2	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 150	52.2	83.8	84.5	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 120	52.6	85.2	86.7	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 100	52.6	85.9	87.8	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 90	52.6	86.0	88.6	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 80	52.6	86.6	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 70	52.6	86.9	90.3	92.0	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 60	52.7	87.3	91.5	93.8	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 50	52.8	87.5	91.8	94.4	96.1	96.5	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 40	52.8	87.5	91.8	94.8	96.7	97.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 30	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 20	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 10	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	52.8	87.5	91.8	94.9	96.8	97.3	98.9	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	9	8	7	6	5	4	3	2	1	1/2	1/4	1/8	1/16	1/32	1/64
NO. OBS.	34.0	50.0	50.3	50.6	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	37.6	56.8	57.3	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 18000	37.6	56.8	57.3	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 15000	37.6	56.8	57.3	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 14000	38.1	58.0	58.4	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 12000	38.5	58.4	59.0	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 10000	40.3	61.2	61.6	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 9000	40.4	61.4	61.8	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	41.5	63.3	63.8	64.1	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	41.9	64.1	64.6	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 6000	42.5	65.2	65.7	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	44.0	67.5	68.2	68.5	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	44.4	68.0	68.7	69.0	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	45.3	69.7	70.4	70.8	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	45.9	70.9	71.7	72.1	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	46.7	72.6	73.4	73.9	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2500	47.6	74.2	75.2	75.8	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 2000	48.8	77.0	78.2	78.9	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	49.0	77.5	78.8	79.6	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	49.8	79.6	81.3	82.2	83.0	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	50.2	80.8	83.1	84.2	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 1000	50.3	82.0	84.5	86.0	87.3	87.5	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	50.3	82.3	85.1	86.8	88.4	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 800	50.4	82.6	85.7	87.7	89.6	89.9	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	50.4	83.0	86.4	88.8	91.3	91.6	92.2	92.5	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	50.5	83.5	87.2	89.9	92.7	93.1	94.0	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	50.5	83.7	87.6	90.7	93.8	94.3	95.5	96.0	96.1	96.6	96.7	96.7	96.7	96.8	96.8	96.8
≥ 400	50.5	83.7	87.6	90.9	94.3	95.0	96.5	97.1	97.2	97.8	97.9	97.9	98.0	98.1	98.1	98.1
≥ 300	50.5	83.7	87.6	90.9	94.4	95.0	96.8	97.6	97.7	98.4	98.6	98.6	98.9	99.0	99.1	99.1
≥ 200	50.5	83.7	87.6	90.9	94.4	95.1	96.9	97.7	97.9	98.7	99.0	99.0	99.5	99.5	99.6	99.7
≥ 100	50.5	83.7	87.6	90.9	94.4	95.1	96.9	97.7	97.9	98.7	99.0	99.1	99.6	99.7	99.8	99.9
≥ 0	50.5	83.7	87.6	90.9	94.4	95.1	96.9	97.7	97.9	98.7	99.0	99.1	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6563

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.6	2.9	3.4	3.9	4.5	5.0	5.6	6.2	6.9	7.6	8.5	9.5	10.6	11.9	13.4
NO. REPORTED	39.1	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	42.5	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	42.5	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	42.5	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	43.1	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	43.2	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	44.7	70.1	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	44.7	70.1	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	45.7	72.9	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	46.2	74.1	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	47.4	75.8	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	49.1	79.0	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	49.4	79.6	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	50.1	81.3	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	50.5	82.5	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	51.1	83.5	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	51.9	85.3	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	52.3	86.6	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	52.5	87.1	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	52.8	88.6	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	52.9	90.1	91.1	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	52.9	91.0	92.3	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	53.1	91.3	93.0	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	53.0	91.3	93.1	94.2	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	53.0	91.6	94.0	95.9	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	53.1	92.0	94.7	96.9	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	53.1	92.0	94.7	96.9	98.5	98.5	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	53.1	92.0	94.7	96.9	98.5	98.5	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	53.1	92.0	94.8	97.0	98.6	98.6	99.4	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
NO CEILING	36.6	57.7	58.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1
≥ 20000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 18000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 16000	39.7	62.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 14000	39.8	62.2	63.0	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 12000	39.9	62.5	63.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 10000	41.1	65.0	65.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 9000	41.1	65.0	65.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 8000	41.8	67.3	68.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0
≥ 7000	42.6	68.4	69.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 6000	44.0	70.7	71.9	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
≥ 5000	46.5	74.4	75.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6
≥ 4500	46.6	74.5	75.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 4000	47.1	75.7	77.2	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
≥ 3500	47.4	77.1	78.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 3000	47.9	78.5	80.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
≥ 2500	48.5	80.0	82.1	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 2000	49.3	81.6	84.2	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6
≥ 1800	49.3	81.7	84.3	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1600	49.6	83.7	86.6	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1400	49.7	85.3	88.3	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 1200	49.7	86.2	89.2	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8
≥ 1000	49.7	86.3	89.4	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	92.9	92.9
≥ 900	49.7	86.7	90.4	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 800	49.7	87.1	90.9	93.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7	95.7
≥ 700	49.7	87.1	91.0	93.9	95.9	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	97.0	97.0
≥ 600	49.7	87.1	91.4	94.3	96.5	96.6	97.3	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.4	98.4
≥ 500	49.7	87.1	91.4	94.4	97.0	97.1	97.8	98.6	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0
≥ 400	49.7	87.1	91.5	94.6	97.2	97.3	98.1	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.4	99.4
≥ 300	49.7	87.1	91.5	94.6	97.2	97.3	98.2	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.5	99.5
≥ 200	49.7	87.1	91.5	94.6	97.3	97.5	98.4	99.1	99.1	99.2	99.2	99.4	99.4	99.6	99.6	99.7
≥ 100	49.7	87.1	91.5	94.6	97.3	97.5	98.4	99.1	99.1	99.2	99.2	99.4	99.4	99.6	99.6	99.7
≥ 0	49.7	87.1	91.5	94.6	97.3	97.5	98.4	99.1	99.1	99.2	99.2	99.4	99.4	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	28.8	47.9	49.3	50.6	51.1	51.2	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.2
≥ 2000	31.8	53.1	54.6	55.9	56.5	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 1800	31.8	53.1	54.6	55.9	56.5	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 1600	31.8	53.1	54.6	55.9	56.5	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 1400	32.1	53.7	55.3	56.5	57.2	57.3	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 1200	32.4	54.4	55.9	57.2	57.8	57.9	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.9
≥ 1000	34.2	57.0	58.8	60.1	60.7	60.8	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.9
≥ 900	34.6	57.4	59.2	60.5	61.1	61.2	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 800	36.8	60.5	62.2	63.5	64.1	64.3	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.3
≥ 700	37.0	61.5	63.2	64.5	65.1	65.3	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.3
≥ 600	39.0	64.4	66.2	67.4	68.2	68.3	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.3
≥ 500	40.8	67.3	69.2	70.5	71.2	71.5	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.5
≥ 450	40.9	67.8	69.7	71.0	71.7	72.0	72.5	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 400	41.1	68.4	70.6	71.9	72.6	72.9	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.9
≥ 350	41.7	70.1	72.2	73.5	74.3	74.5	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 300	42.7	72.1	74.4	75.7	76.6	76.8	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 250	43.3	73.5	75.9	77.3	78.5	78.7	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 200	44.2	75.5	78.5	80.0	81.2	81.5	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.6
≥ 180	44.2	75.5	78.5	80.0	81.2	81.5	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.8
≥ 160	45.0	77.2	80.1	81.7	83.0	83.3	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.5
≥ 140	45.5	78.8	82.4	84.2	85.8	86.1	86.8	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.6
≥ 120	45.8	79.3	83.4	85.7	87.8	88.2	89.2	89.4	89.4	89.7	89.7	89.7	89.9	89.9	89.9	90.1
≥ 100	45.8	79.5	83.5	85.9	88.1	88.5	89.6	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.6
≥ 90	46.3	80.6	84.9	87.5	89.7	90.2	91.8	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.8
≥ 80	46.3	81.0	85.8	89.2	91.9	92.5	94.0	94.3	94.3	94.7	94.7	94.7	94.8	94.8	94.8	95.1
≥ 70	46.3	81.1	85.9	89.9	92.6	93.3	94.9	95.4	95.4	95.8	95.8	95.8	95.9	95.9	95.9	96.2
≥ 60	46.3	81.2	86.1	90.1	93.2	94.2	96.5	97.1	97.1	97.5	97.6	97.6	97.7	97.7	97.7	98.0
≥ 50	46.3	81.2	86.1	90.5	93.8	94.8	97.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.2
≥ 40	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.9
≥ 30	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.9
≥ 20	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.9
≥ 10	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.9
≥ 0	46.3	81.2	86.2	90.6	94.0	95.1	97.7	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 789

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.01
NO. OF OBS.	31.3	49.9	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8
≥ 20000	34.9	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 18000	34.9	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 16000	34.9	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 14000	35.8	57.1	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
≥ 12000	36.3	57.8	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 10000	39.3	61.7	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
≥ 9000	39.9	62.3	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4	63.4
≥ 8000	41.2	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3
≥ 7000	41.6	65.1	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2
≥ 6000	43.1	66.9	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 5000	44.5	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9
≥ 4500	44.5	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9
≥ 4000	45.2	70.2	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
≥ 3500	45.8	71.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 3000	46.6	72.6	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6
≥ 2500	47.6	74.9	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 2000	48.3	77.0	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3
≥ 1800	48.7	77.4	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 1500	49.9	80.5	81.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 1000	50.0	82.1	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 800	50.6	83.8	86.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.5	88.5
≥ 700	50.8	84.1	87.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.3	89.3
≥ 600	50.8	84.4	88.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.6	90.6
≥ 500	50.9	85.5	90.1	92.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0
≥ 400	50.9	86.1	91.3	93.8	95.3	95.7	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.6	96.6	96.6
≥ 300	51.0	86.8	92.6	95.3	97.2	97.8	98.3	98.6	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.1
≥ 200	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.6
≥ 100	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.9	99.9	100.0
≥ 0	51.0	86.8	92.6	95.3	97.3	98.1	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586  
MAY 1980

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .001
NO CEILING	28.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 7500	33.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 8000	33.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	34.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 2500	35.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	38.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	38.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	40.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	40.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	42.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	43.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4500	43.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	44.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	46.3	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	48.3	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	50.1	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2000	52.0	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	52.1	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	53.2	87.3	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	54.0	89.7	90.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	54.2	91.3	92.1	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	54.2	91.7	92.6	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	54.2	92.1	93.1	95.5	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	54.2	92.4	93.6	96.0	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	54.2	92.4	93.6	96.2	97.5	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	54.2	92.7	93.9	96.7	98.1	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.2	92.7	93.9	96.7	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 793

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
2000	29.8	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
1800	36.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
1600	36.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
1400	37.1	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
1200	37.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
1000	39.8	62.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
800	39.8	62.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
600	42.4	65.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
400	43.0	66.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
200	43.8	67.2	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
0	45.8	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
2000	46.2	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
1800	47.0	73.1	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
1600	48.1	76.6	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
1400	49.4	78.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
1200	50.4	82.3	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
1000	51.2	84.6	85.4	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
800	51.3	85.1	85.9	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
600	51.6	87.3	88.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
400	52.1	89.2	90.3	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
200	52.4	90.3	92.2	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0	52.5	90.8	93.3	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
2000	52.5	90.8	93.9	96.8	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1800	52.8	91.2	94.6	97.6	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1600	52.9	91.5	95.1	98.2	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1400	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1200	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	52.9	91.5	95.1	98.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 781

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO. CEILING	35.8	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	41.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	41.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	41.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	43.0	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	43.0	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	45.3	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	45.3	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	47.3	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	47.3	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	48.3	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	49.4	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	49.4	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	50.5	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	51.3	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	51.9	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	52.0	85.8	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	52.7	87.1	88.0	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	52.7	87.1	88.0	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	52.7	89.0	90.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	52.8	90.0	91.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	53.1	90.9	93.2	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	53.5	91.3	93.7	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	53.5	91.3	94.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	53.5	91.6	94.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	53.5	91.7	95.5	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	53.5	91.7	95.5	98.0	98.1	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	53.6	91.8	95.7	98.1	98.3	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.6	91.8	95.7	98.2	98.7	98.8	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	2	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1-100	43.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
1-100	47.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
1-100	47.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
1-100	47.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
1-100	47.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
1-100	47.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
1-100	48.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
1-100	48.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
1-100	50.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
1-100	50.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
1-100	51.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
1-100	52.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
1-100	52.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
1-100	52.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
1-100	53.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
1-100	53.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
1-100	53.9	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
1-100	54.4	88.5	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
1-100	54.5	88.7	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
1-100	54.8	89.5	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
1-100	54.9	91.3	92.6	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
1-100	55.0	92.4	94.0	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
1-100	55.3	92.8	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
1-100	55.4	93.2	95.2	96.4	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
1-100	55.4	93.3	95.5	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
1-100	55.4	93.5	96.2	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
1-100	55.4	93.5	96.2	98.1	98.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
1-100	55.4	93.5	96.2	98.2	98.9	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
1-100	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
1-100	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
1-100	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
1-100	55.4	93.5	96.2	98.2	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS 794



AD-A122 720

SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82

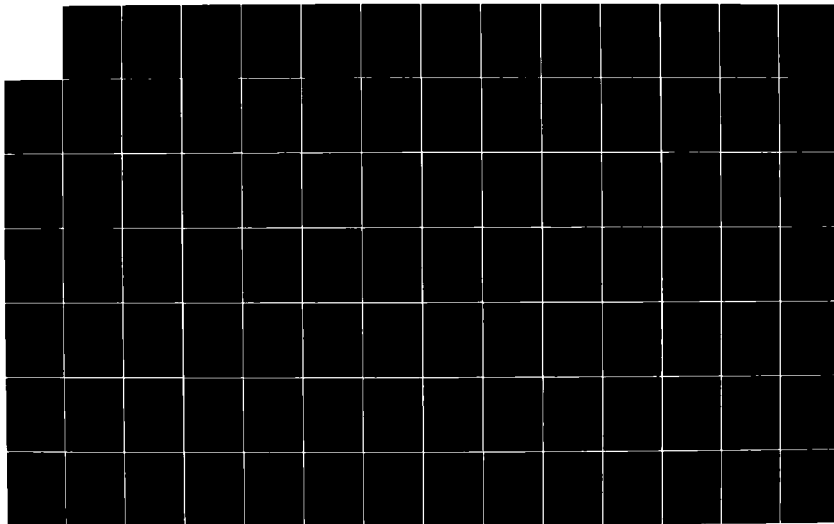
3/6

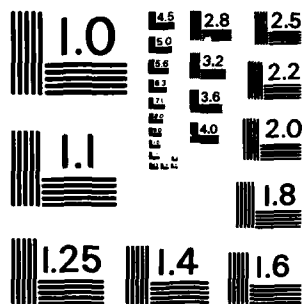
UNCLASSIFIED

USAFETAC/DS-82/OSS SBI-AD-ESBO 213

F/G 4/2

NL





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	21	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	34.2	54.0	54.5	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
2 2000	38.4	60.8	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
2 1800	38.4	60.8	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
2 1600	38.4	60.8	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
2 1400	39.2	61.7	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
2 1200	39.4	62.2	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
2 1000	41.4	65.2	65.7	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
2 900	41.6	65.3	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
2 800	43.2	68.0	68.6	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3
2 700	43.6	68.8	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
2 600	44.8	70.5	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
2 500	46.5	73.7	74.3	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
2 450	46.7	74.0	74.7	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
2 400	47.3	75.3	76.1	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
2 350	48.1	77.0	77.8	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7
2 300	49.0	78.7	79.6	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6
2 250	49.7	81.0	82.0	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
2 200	50.6	83.0	84.2	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
2 180	50.7	83.3	84.5	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
2 150	51.2	85.4	86.8	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
2 120	51.5	87.1	88.9	90.3	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
2 100	51.7	88.2	90.4	91.9	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
2 900	51.8	88.5	91.0	92.6	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
2 800	51.9	88.8	91.6	93.7	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
2 700	51.9	89.2	92.4	94.8	96.0	96.1	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7
2 600	52.0	89.4	92.9	95.6	96.9	97.1	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0
2 500	52.0	89.6	93.2	95.9	97.4	97.7	98.4	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0
2 400	52.0	89.6	93.2	96.0	97.7	98.0	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
2 300	52.0	89.6	93.3	96.1	97.8	98.1	99.0	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
2 200	52.0	89.6	93.3	96.1	97.8	98.1	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
2 100	52.0	89.6	93.3	96.1	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0
2 000	52.0	89.6	93.3	96.1	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6310

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

NO. FEET	VISIBILITY IN MILES															
	1/8	1/4	1/2	3/4	1	2	3	4	5	6	7	8	9	10	11	12
NO. FEET	32.1	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
1-2000	36.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
2-4000	36.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
2-6000	36.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
2-8000	37.0	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
2-10000	38.0	65.0	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
2-12000	40.6	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
2-14000	40.6	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
2-16000	44.1	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
2-18000	45.0	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
2-20000	45.5	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
2-22000	48.1	82.5	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
2-24000	48.1	82.5	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
2-26000	48.7	84.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.6
2-28000	48.8	85.0	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.4
2-30000	49.2	86.0	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.8
2-32000	50.5	87.9	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	90.0
2-34000	51.2	89.6	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.3
2-36000	51.2	89.6	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.3
2-38000	51.4	90.0	91.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.2
2-40000	51.9	90.7	92.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.1
2-42000	51.9	90.9	92.9	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.6
2-44000	51.9	90.9	92.9	94.5	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.8
2-46000	51.9	91.0	93.2	94.7	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	96.0
2-48000	51.9	91.1	93.6	95.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.3
2-50000	51.9	91.4	94.3	96.0	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3
2-52000	51.9	91.4	94.3	96.0	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8
2-54000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-56000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-58000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-60000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-62000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-64000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-66000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-68000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-70000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-72000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-74000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-76000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-78000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-80000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-82000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-84000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-86000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-88000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-90000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-92000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-94000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-96000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-98000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
2-100000	51.9	91.4	94.3	96.0	98.1	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 778

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.6	2.1	2.4	2.3	2.2	2.7	2.5	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
NO. OF OBS.	29.6	55.7	57.2	57.5	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 20000	32.4	60.7	62.3	62.8	63.7	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 18000	32.4	60.7	62.3	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 16000	32.4	60.7	62.3	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 14000	32.6	61.1	62.7	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 12000	33.2	61.9	63.4	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5
≥ 10000	35.7	65.0	66.5	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 9000	35.8	65.1	66.7	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 8000	38.0	69.4	70.9	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0
≥ 7000	38.5	70.5	72.1	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 6000	39.1	73.1	74.7	75.2	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 5000	42.0	78.2	79.8	80.5	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 4500	42.4	79.2	80.9	81.5	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 4000	43.0	80.5	82.2	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3500	43.4	81.5	83.2	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8
≥ 3000	44.1	83.6	85.4	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 2500	44.7	84.4	86.4	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
≥ 2000	45.9	86.7	89.0	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 1800	45.9	86.7	89.0	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 1500	46.1	87.1	89.5	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 1200	46.1	87.3	90.2	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 1000	46.3	87.6	91.0	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 900	46.3	88.2	91.6	93.8	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 800	46.4	88.6	92.0	94.2	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	46.4	89.0	92.5	94.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 600	46.4	89.0	92.8	95.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 500	46.4	89.3	93.3	95.6	96.8	96.9	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.7	97.7	97.8
≥ 400	46.6	89.5	93.5	95.9	97.2	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.6
≥ 300	46.6	89.5	93.5	95.9	97.2	97.3	97.8	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 200	46.6	89.7	93.7	96.0	97.3	97.4	97.9	98.6	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.5
≥ 100	46.6	89.7	93.7	96.0	97.3	97.4	97.9	98.6	98.7	99.0	99.0	99.0	99.5	99.5	99.6	99.7
≥ 0	46.6	89.7	93.7	96.0	97.3	97.4	97.9	98.6	98.7	99.0	99.0	99.0	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 774

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATISTICAL															
	21	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. FEET	24.4	44.3	46.7	47.7	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
≥ 20000	28.1	51.0	53.7	54.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
≥ 18000	28.1	51.0	53.7	54.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
≥ 16000	28.1	51.0	53.7	54.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
≥ 14000	28.9	52.5	55.2	56.7	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9
≥ 12000	29.4	53.2	56.0	57.5	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 10000	32.6	57.9	61.0	62.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
≥ 9000	32.6	58.0	61.1	62.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 8000	34.7	62.3	65.5	67.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.5
≥ 7000	35.3	63.1	66.3	67.7	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 6000	36.3	65.5	68.8	70.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
≥ 5000	40.0	71.6	75.5	77.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 4500	40.4	72.2	75.9	77.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2
≥ 4000	41.3	73.2	77.0	78.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
≥ 3500	41.5	74.1	78.3	80.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.8
≥ 3000	41.9	75.2	79.7	81.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
≥ 2500	42.2	75.7	80.3	82.4	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
≥ 2000	43.3	77.7	82.3	84.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
≥ 1800	43.5	78.1	82.6	84.7	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1600	44.2	79.4	84.1	86.3	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 1400	44.2	79.8	84.6	87.1	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3
≥ 1200	44.7	80.7	85.6	88.3	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 1000	45.0	81.5	86.8	89.4	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1
≥ 900	45.0	81.7	87.2	89.8	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
≥ 800	45.1	82.1	87.9	90.8	92.9	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 700	45.3	82.9	89.0	92.0	94.3	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
≥ 600	45.3	83.4	89.9	93.0	95.4	95.7	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
≥ 500	45.3	83.5	90.3	93.5	96.2	96.4	97.5	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.6
≥ 400	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.6
≥ 300	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0
≥ 200	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0
≥ 100	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0
≥ 0	45.3	83.6	90.4	93.6	96.6	96.9	98.0	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS.

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
29.9	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2 2900	32.4	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2 2800	32.4	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2 2700	32.4	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2 2600	33.9	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
2 2500	34.6	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
2 2400	37.2	65.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
2 2300	37.2	66.0	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
2 2200	39.4	69.4	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 2100	40.0	70.0	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
2 2000	40.5	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2 1900	41.8	73.6	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
2 1800	41.8	73.6	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
2 1700	41.8	74.0	74.8	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2 1600	42.8	75.3	76.3	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2 1500	44.0	76.9	77.9	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
2 1400	44.9	78.7	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2 1300	46.6	81.1	82.4	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2 1200	47.1	81.7	83.0	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2 1100	48.2	84.7	86.2	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
2 1000	48.5	86.6	88.5	89.0	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2 900	49.3	88.9	91.1	91.6	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
2 800	49.6	89.4	91.8	92.3	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2 700	49.6	89.7	92.3	92.9	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2 600	50.3	90.7	93.4	94.1	95.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2 500	50.5	90.8	93.5	94.7	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2 400	50.7	91.7	94.6	96.6	97.9	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2 300	50.9	91.9	95.1	97.4	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2 200	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 100	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 00	50.9	91.9	95.1	97.4	98.9	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 818

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
NO CEILING	28.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	34.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	34.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	34.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	36.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3
≥ 12000	36.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3
≥ 10000	37.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
≥ 9000	37.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
≥ 8000	39.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6
≥ 7000	40.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
≥ 6000	41.1	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2
≥ 5000	42.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0
≥ 4500	43.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5
≥ 4000	45.2	75.0	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5
≥ 3500	47.7	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3
≥ 3000	51.0	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
≥ 2500	52.5	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 2000	53.8	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4
≥ 1800	54.1	87.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7
≥ 1500	55.5	91.7	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 1200	56.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1000	56.7	95.1	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4
≥ 900	57.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 800	57.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 700	57.3	96.1	96.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9
≥ 600	57.3	96.4	97.0	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 500	57.3	96.4	97.3	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1
≥ 400	57.3	96.4	97.3	98.2	98.5	98.9	99.1	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 300	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0
≥ 200	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0
≥ 100	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0
≥ 0	57.3	96.4	97.3	98.2	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	210	24	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	28.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
2 2000	36.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
2 1800	36.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
2 1600	36.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
2 1400	37.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
2 1200	38.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
2 1000	39.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
2 900	39.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
2 800	41.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2 700	42.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
2 600	43.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
2 500	45.9	75.6	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
2 450	46.7	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2 400	49.6	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
2 350	52.9	84.5	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
2 300	54.9	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2 250	56.9	91.0	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2 200	58.2	92.9	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2 1800	58.4	93.1	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
2 1500	59.0	93.8	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2 1200	59.1	94.7	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2 1000	59.5	95.4	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2 900	59.7	95.6	95.9	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2 800	59.7	95.7	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2 700	59.9	96.3	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2 600	60.0	96.6	97.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2 500	60.0	97.0	97.5	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 400	60.0	97.2	97.7	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 300	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 200	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 100	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 00	60.0	97.2	97.7	98.5	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 813

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724566

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	35.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 20000	40.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 18000	40.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 16000	40.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 14000	43.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 12000	44.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 10000	47.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	47.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 8000	49.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 7000	49.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 6000	50.7	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 5000	52.3	85.1	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 4500	52.5	85.3	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 4000	54.1	87.0	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 3500	55.7	89.0	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 3000	57.0	90.6	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥ 2500	57.9	92.0	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
≥ 2000	58.6	93.2	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3
≥ 1800	58.6	93.2	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3
≥ 1500	58.6	93.6	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.2
≥ 1200	58.8	94.2	94.8	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9
≥ 1000	59.1	94.8	95.6	96.0	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.0
≥ 900	59.4	95.2	95.9	96.5	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.5
≥ 800	59.5	95.8	96.7	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.4
≥ 700	59.5	95.8	97.0	97.9	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 600	59.5	95.8	97.0	97.9	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 500	59.5	95.9	97.2	98.0	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.3
≥ 400	59.5	96.0	97.3	98.1	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 300	59.5	96.0	97.3	98.1	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9
≥ 200	59.5	96.0	97.3	98.1	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9
≥ 100	59.5	96.0	97.3	98.1	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9
≥ 0	59.6	96.2	97.4	98.4	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 20000	36.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	40.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	40.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	41.7	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	42.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	45.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	45.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	48.6	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	48.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	49.7	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	51.2	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	51.2	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	52.3	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	52.7	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	54.3	90.4	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	55.0	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	55.8	93.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	55.8	93.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	56.1	94.2	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	56.4	94.8	95.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	56.5	95.0	96.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	56.6	95.3	96.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	56.6	95.7	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	56.6	95.9	96.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	56.8	96.0	97.0	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	56.8	96.0	97.0	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	56.8	96.0	97.0	98.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	56.8	96.0	97.0	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.8	96.0	97.0	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.8	96.0	97.0	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.8	96.0	97.0	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 805

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO. CEILING	30.4	53.0	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 20000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	35.2	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	36.3	62.7	63.4	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 12000	37.2	63.9	64.6	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 10000	39.6	67.5	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 9000	39.6	67.6	68.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 8000	41.8	71.3	72.1	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 7000	42.4	72.4	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
≥ 6000	43.4	74.3	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 5000	45.5	77.9	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 4500	45.7	78.4	79.4	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 4000	47.0	80.2	81.2	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 3500	48.2	82.1	83.2	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 3000	49.6	84.2	85.4	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4
≥ 2500	50.6	85.9	87.2	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 2000	51.7	87.8	89.2	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 1800	51.8	88.0	89.4	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1600	52.5	89.3	90.9	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.4
≥ 1400	52.7	90.3	92.0	93.0	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1200	53.0	91.1	93.0	94.1	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 1000	53.2	91.5	93.4	94.6	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 800	53.3	91.7	93.8	95.0	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 700	53.4	92.2	94.4	95.7	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 600	53.5	92.4	94.7	96.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.6
≥ 500	53.5	92.7	95.2	96.7	97.9	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6
≥ 400	53.6	92.8	95.3	97.0	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	53.6	92.8	95.3	97.0	98.4	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	53.6	92.8	95.4	97.1	98.5	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9
≥ 100	53.6	92.8	95.4	97.1	98.5	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9
≥ 0	53.6	92.8	95.4	97.1	98.5	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6422

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

## 2

1

1

1

1

1

1

1

1

1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	21	24	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24
21-24	35.1	62.4	63.8	64.1	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
25-29	39.2	73.0	71.7	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
30-34	39.2	70.0	71.7	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
35-39	39.2	70.0	71.7	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
40-44	39.8	70.8	72.5	72.8	73.6	73.6	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
45-49	40.0	71.9	73.6	73.9	74.7	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
50-54	41.1	75.4	77.0	77.3	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
55-59	41.0	75.4	77.0	77.3	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
60-64	43.6	79.0	80.6	80.9	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
65-69	44.0	79.6	81.3	81.6	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
70-74	44.8	81.2	82.8	83.1	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
75-79	47.5	85.4	87.3	87.6	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
80-84	47.5	85.4	87.5	87.8	88.6	88.6	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
85-89	48.6	87.2	89.3	89.5	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
90-94	48.6	87.6	89.7	90.1	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
95-99	49.9	89.1	91.3	91.7	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
100-104	50.2	89.5	91.7	92.3	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
105-109	50.5	90.1	92.4	93.0	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
110-114	50.5	90.5	92.8	93.4	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
115-119	50.5	91.2	93.9	94.5	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
120-124	50.5	91.6	94.4	94.9	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
125-129	50.5	92.3	95.0	95.6	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
130-134	50.5	92.3	95.0	95.6	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
135-139	50.5	92.6	95.3	95.9	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
140-144	50.5	93.0	95.7	96.3	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
145-149	50.6	93.1	96.0	96.6	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
150-154	50.6	93.5	96.6	97.1	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
155-159	50.6	93.5	96.8	97.4	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
160-164	50.6	93.5	96.8	97.4	98.8	98.8	99.0	99.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
165-169	50.6	93.5	96.8	97.4	98.8	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
170-174	50.6	93.5	96.8	97.4	98.8	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

USAF ETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

3600-3800

CEILING		VISIBILITY STATISTICS															
		20	26	21	24	25	26	27	28	29	30	31	32	33	34	35	36
10000	34.4	54.0	54.8	55.3	55.8	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
20000	39.4	62.9	64.2	65.5	66.	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
30000	39.4	62.9	64.2	65.5	66.1	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
40000	39.4	62.9	64.2	65.5	66.1	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
50000	40.0	64.2	65.6	66.9	67.5	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0
60000	41.0	65.5	66.9	68.1	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3
70000	43.5	69.4	70.9	72.1	72.9	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
80000	43.8	70.1	71.6	72.9	73.7	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2
90000	46.2	74.8	76.3	77.7	78.4	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
100000	46.7	75.8	77.3	78.7	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
110000	47.4	77.5	79.0	80.6	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
120000	49.4	80.6	82.2	83.8	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1
130000	49.6	80.7	82.3	83.9	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
140000	50.7	82.2	83.8	85.4	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
150000	50.9	82.9	84.6	86.2	87.1	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
160000	51.3	83.6	85.2	86.8	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5
170000	51.7	84.1	85.7	87.3	88.3	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0
180000	51.9	84.7	86.6	88.2	89.2	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
190000	51.9	85.2	87.1	88.7	89.7	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5
200000	52.4	86.2	88.1	89.8	90.8	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
210000	53.6	88.0	89.8	91.6	92.7	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6
220000	53.7	88.5	90.3	92.1	93.4	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4
230000	54.0	89.1	91.0	92.7	94.0	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
240000	54.1	89.6	91.5	93.4	94.6	95.1	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7
250000	54.1	90.2	92.1	94.1	95.4	95.9	96.0	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.5	96.5
260000	54.1	90.2	92.1	94.2	95.5	96.0	96.1	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6
270000	54.2	90.6	92.5	95.0	96.2	97.0	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
280000	54.2	90.6	92.6	95.5	96.7	97.5	98.1	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
290000	54.2	90.6	92.6	95.5	96.9	97.7	98.4	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1
300000	54.2	90.6	92.6	95.6	97.0	97.9	98.6	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.6	99.7	99.7
310000	54.2	90.6	92.6	95.6	97.0	97.9	98.6	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.6	99.7	99.7
320000	54.2	90.6	92.6	95.6	97.0	97.9	98.6	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 797

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	37.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	42.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	42.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	42.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	43.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	44.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	47.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	47.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	49.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	50.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	50.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	52.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	52.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	53.0	85.8	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	53.2	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	53.9	87.3	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	54.8	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	55.1	90.4	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	55.1	90.7	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	56.3	92.6	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	57.4	94.3	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	57.7	95.1	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	57.7	95.1	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	57.7	96.1	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	57.7	96.1	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	57.7	96.1	97.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	57.7	96.3	97.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	57.7	96.7	97.7	98.9	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.7	96.7	97.7	98.9	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET		VISIBILITY STATUTE MILES															
		20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24
20000	42.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
	46.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
18000	46.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	46.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
16000	47.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
	49.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
14000	50.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
	50.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
12000	53.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
	53.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
10000	53.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	55.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
8000	56.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	57.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
6000	58.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	59.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
4000	61.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
	61.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2000	61.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	62.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	62.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	62.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	62.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	62.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
250	62.7	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	62.7	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
125	62.7	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.5	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	62.7	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

2



JUN

1500-1700

TOTAL NUMBER OF OBSERVATIONS 790

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

ELEVATION FEET		VISIBILITY IN STATUTE MILES															
		1/2	3/4	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1000	45.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
2	2000	51.7	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
3	3000	51.8	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
4	4000	51.8	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
5	5000	53.2	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
6	6000	53.6	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
7	7000	55.5	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
8	8000	55.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
9	9000	57.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
10	10000	57.5	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
11	11000	58.6	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
12	12000	61.3	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
13	13000	61.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
14	14000	61.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
15	15000	62.6	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
16	16000	63.4	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
17	17000	63.6	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
18	18000	63.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
19	19000	63.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
20	20000	63.9	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
21	21000	63.9	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
22	22000	64.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
23	23000	64.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
24	24000	64.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
25	25000	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
26	26000	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
27	27000	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
28	28000	64.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
29	29000	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	30000	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31	31000	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	32000	64.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 795

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET		VISIBILITY - STAT. MILES															
		2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1000	+	46.8	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
2000	+	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
3000	+	51.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
4000	+	52.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
5000	+	53.2	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
6000	+	54.5	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
7000	+	54.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
8000	+	56.5	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
9000	+	57.0	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
10000	+	57.1	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
11000	+	60.0	93.3	93.3	93.8	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
12000	+	60.3	93.8	93.8	94.3	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
13000	+	60.9	94.6	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
14000	+	61.2	95.3	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
15000	+	62.1	96.6	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
16000	+	62.4	96.8	97.1	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
17000	+	62.5	97.0	97.2	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
18000	+	62.5	97.1	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
19000	+	62.7	97.2	97.5	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
20000	+	62.8	97.6	97.9	98.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
21000	+	62.8	98.0	98.4	99.1	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
22000	+	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
23000	+	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
24000	+	62.8	98.0	98.4	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
25000	+	62.9	98.2	98.5	99.3	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
26000	+	62.9	98.2	98.5	99.3	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
27000	+	62.9	98.2	98.5	99.3	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28000	+	62.9	98.2	98.5	99.3	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
29000	+	62.9	98.2	98.5	99.3	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30000	+	62.9	98.2	98.5	99.3	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

758

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586  
STATION

SALINA MAP KS

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	200	24	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98	100
NO CEILING	40.9	65.1	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	45.8	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	45.8	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	45.8	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	46.6	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	47.4	75.4	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	49.2	78.2	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	51.4	81.7	82.1	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	51.8	82.4	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	52.4	83.7	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	54.6	87.1	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	54.8	87.5	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	55.7	89.2	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	56.2	90.5	91.1	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	57.1	92.0	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	57.8	92.9	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	58.1	93.7	94.5	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	58.1	93.9	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	58.5	94.7	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	58.9	95.4	96.3	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	59.0	95.9	96.8	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	59.1	96.0	96.9	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	59.1	96.2	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	59.1	96.4	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	59.1	96.5	97.5	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	59.1	96.7	97.7	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	59.1	96.7	97.9	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	59.1	96.7	97.9	98.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 50	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2	59.1	96.7	97.9	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 6144

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-79,81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

		VISIBILITY IN STATUTE MILES															
		≥ 10	≥ 6	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024	≥ 1/2048
NO. OF OBS.	CEILING FEET																
		44.9	72.6	73.0	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2	20000	47.5	76.9	77.4	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2	18000	47.5	76.9	77.4	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2	16000	47.5	76.9	77.4	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2	14000	48.2	77.8	78.4	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2	12000	48.5	78.1	78.7	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
2	10000	53.7	85.5	86.4	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
2	9000	53.9	85.7	86.5	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
2	8000	56.5	88.6	89.4	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
2	7000	56.9	89.0	89.8	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2	6000	57.6	90.1	90.9	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2	5000	58.1	91.0	92.1	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2	4500	58.1	91.0	92.1	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2	4000	58.7	91.7	92.8	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2	3500	59.0	92.0	93.1	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2	3000	59.2	92.3	93.4	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
2	2500	59.6	92.7	93.8	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2	2000	60.1	93.1	94.5	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2	1800	60.1	93.1	94.5	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2	1600	60.1	93.5	95.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2	1400	60.1	93.5	95.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2	1200	60.1	93.5	95.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2	1000	60.1	93.8	95.7	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2	900	60.1	93.8	95.7	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2	800	60.1	93.9	95.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2	700	60.1	94.1	96.1	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2	600	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2	500	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2	400	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2	300	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2	200	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2	100	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2	0	60.1	94.4	96.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

		VISIBILITY - STATUTE MILES															
		20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
NO CEILING		39.8	66.3	67.1	68.4	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
1-999		42.3	70.2	71.3	72.3	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1000		42.3	70.2	71.3	72.3	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2000		43.2	71.4	72.4	73.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
3000		43.6	71.8	72.8	73.9	74.9	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
4000		48.0	77.8	78.9	79.9	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
5000		48.0	77.8	78.9	79.9	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
6000		50.9	81.0	82.0	83.1	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
7000		51.7	81.9	83.1	84.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
8000		52.6	83.5	84.6	85.8	86.9	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
9000		54.1	85.4	86.6	87.8	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
10000		54.2	85.6	86.7	87.9	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
11000		55.2	86.7	87.9	89.1	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
12000		55.9	87.1	88.3	89.5	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
13000		56.6	88.4	90.0	91.6	93.0	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
14000		56.7	88.7	90.2	91.7	93.2	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
15000		57.2	89.8	91.2	92.9	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
16000		57.6	90.2	91.6	93.3	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
17000		57.9	90.6	92.0	93.7	95.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
18000		58.1	90.9	92.4	94.1	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
19000		58.3	91.6	93.2	94.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
20000		58.3	91.6	93.2	94.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
21000		58.3	91.6	93.2	94.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
22000		58.7	92.1	93.7	95.4	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
23000		58.7	92.1	94.0	95.7	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
24000		58.7	92.8	94.6	96.3	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
25000		58.7	92.8	94.8	96.5	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
26000		58.7	92.8	94.8	96.5	98.4	98.4	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.9	99.9	99.9
27000		58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0
28000		58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0
29000		58.7	92.9	94.9	96.6	98.6	98.6	99.5	99.5	99.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

NO. CEILING FEET	VISIBILITY IN FEET															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	37.1	59.4	60.9	62.0	63.2	63.5	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
18000	41.7	66.1	67.9	69.4	70.8	71.1	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
16000	41.7	66.1	67.9	69.4	70.8	71.1	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
14000	43.3	67.6	69.5	71.0	72.4	72.7	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
12000	44.1	68.6	70.7	72.2	73.7	73.9	75.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
10000	47.5	72.5	74.6	76.1	77.6	77.8	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
9000	47.5	72.5	74.6	76.1	77.6	77.8	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
8000	51.2	77.1	79.2	80.8	82.2	82.5	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
7000	51.6	77.5	79.5	81.1	82.6	82.8	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
6000	52.6	78.9	81.0	82.6	84.1	84.3	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
5000	53.4	80.9	83.5	85.0	86.5	86.8	87.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
4500	53.8	81.3	83.8	85.4	86.9	87.1	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
4000	54.0	82.0	84.6	86.2	87.6	87.9	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
3500	54.2	82.1	84.7	86.3	87.7	88.0	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000	54.7	83.1	85.7	87.3	88.7	89.0	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2500	54.9	83.5	86.0	87.6	89.1	89.3	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2000	55.5	84.2	87.0	88.6	90.2	90.6	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1800	55.8	84.3	87.1	88.7	90.3	90.7	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1500	55.6	84.3	87.1	88.7	90.3	90.7	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1200	55.9	84.6	87.4	89.1	90.8	91.2	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1000	57.4	86.6	89.5	91.2	93.4	93.8	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
900	57.4	86.9	89.8	91.7	93.9	94.2	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
800	57.4	87.4	90.3	92.2	94.4	94.7	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
700	57.5	87.6	90.8	92.9	95.2	95.7	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
600	57.5	87.6	91.1	93.1	95.5	96.0	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500	57.6	88.0	91.4	93.6	96.1	96.6	97.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
400	57.6	88.0	91.5	93.8	96.2	96.7	97.9	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
300	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6
200	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9
100	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
0	57.6	88.0	91.5	93.9	96.3	96.8	98.0	99.0	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

HGT. FEET		VISIBILITY - STAT. MILES															
		1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	13/10	14/10	15/10	16/10
NO. FEET		41.2	65.2	66.4	66.9	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
2 2000		45.1	70.4	72.0	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 8000		45.1	70.4	72.0	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 6000		45.1	70.4	72.0	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 4000		46.2	71.5	73.1	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
2 2000		46.6	72.1	73.7	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
2 1000		50.6	76.5	78.1	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2 5000		50.9	76.9	78.5	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
2 8000		52.5	79.7	81.3	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2 7000		53.1	80.2	81.8	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2 6000		53.6	81.4	83.0	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
2 5000		55.5	85.0	86.7	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2 4500		55.8	85.4	87.1	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2 4000		56.3	86.7	88.6	89.1	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2 3500		56.3	87.0	88.8	89.3	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2 3000		57.2	87.9	89.9	90.4	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2 2500		57.3	88.1	90.0	90.5	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
2 2000		58.3	89.9	91.9	92.5	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2 1800		58.3	90.2	92.1	92.7	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2 1500		59.0	91.5	93.6	94.3	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2 1200		59.2	91.8	93.8	94.6	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2 1000		59.5	92.4	95.0	95.7	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2 900		59.9	92.7	95.3	96.1	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2 800		59.9	93.0	95.8	96.7	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2 700		60.0	93.1	95.9	96.9	97.5	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 600		60.0	93.4	96.2	97.4	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2 500		60.1	93.6	96.6	97.8	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 400		60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300		60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200		60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100		60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 000		60.1	93.6	96.6	97.9	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

USAF ETAC 0-14-510L A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
≥10000	45.9	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥8000	48.7	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥6000	48.7	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥4000	49.1	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥3000	49.7	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥2000	52.0	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥1800	52.9	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥1600	54.8	79.9	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥1400	55.3	80.5	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥1200	56.4	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥1000	58.6	84.9	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥900	58.8	85.4	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥800	60.1	87.6	88.5	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥700	60.5	88.5	89.4	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥600	61.8	90.1	90.9	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥500	62.4	91.1	91.9	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥400	64.1	93.4	94.2	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥300	64.1	93.4	94.2	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥200	65.2	94.9	95.8	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥150	65.4	95.8	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥100	65.5	96.1	97.1	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥75	65.5	96.1	97.2	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥50	65.6	96.2	97.4	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥25	65.6	96.2	97.4	98.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥15	65.6	96.3	97.6	98.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥10	65.6	96.3	97.6	98.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥5	65.6	96.3	97.6	98.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1	65.6	96.3	97.6	98.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

817

USAF ETAC

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

ELEVATION FEET	VISIBILITY FEET															
	0-10	10	20	24	26	32	40	50	60	70	80	90	100	120	140	160
NO. OF OBS.	45.3	65.5	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
2-2000	49.0	71.6	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2-3000	49.0	71.6	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2-4000	49.0	71.6	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2-5000	49.6	72.2	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2-6000	49.8	72.6	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
2-7000	52.8	76.2	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2-8000	53.3	76.8	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
2-9000	56.3	81.1	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
2-10000	56.6	81.9	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2-11000	58.3	84.3	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
2-12000	60.4	87.3	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
2-13000	60.7	87.6	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2-14000	63.0	90.9	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2-15000	63.6	91.5	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2-16000	65.2	93.2	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2-17000	65.8	93.9	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
2-18000	66.7	95.1	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2-19000	66.7	95.1	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2-20000	67.1	96.5	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2-21000	67.6	97.1	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2-22000	67.7	97.2	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2-23000	67.7	97.2	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2-24000	67.7	97.2	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2-25000	67.7	97.2	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2-26000	67.7	97.2	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2-27000	67.7	97.2	98.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2-28000	67.7	97.2	98.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2-29000	67.7	97.2	98.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2-30000	67.7	97.2	98.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724536 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-100	47.9	69.3	69.4	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
101-200	53.8	77.0	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
201-300	53.8	77.0	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
301-400	56.7	79.3	79.7	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
401-500	56.6	80.1	80.5	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
501-600	60.8	84.9	85.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
601-700	61.2	85.7	86.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
701-800	62.7	88.5	89.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
801-900	63.1	89.0	89.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
901-1000	64.7	90.3	91.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1001-1100	65.9	92.5	93.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1101-1200	65.9	92.5	93.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1201-1300	66.4	93.4	94.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1301-1400	66.9	93.9	94.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1401-1500	67.2	94.5	95.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1501-1600	67.2	94.6	95.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1601-1700	67.5	95.3	96.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1701-1800	67.6	95.5	96.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1801-1900	68.1	96.1	96.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1901-2000	68.1	96.1	96.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2001-2100	68.1	96.1	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2101-2200	68.1	96.1	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2201-2300	68.1	96.2	97.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2301-2400	68.1	96.2	97.1	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2401-2500	68.1	96.2	97.1	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2501-2600	68.1	96.3	97.2	98.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2601-2700	68.1	96.3	97.2	98.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2701-2800	68.1	96.3	97.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2801-2900	68.1	96.3	97.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2901-3000	68.1	96.3	97.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 816

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

FEET	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300
1-100	50.3	73.7	74.1	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1-100	54.9	79.9	80.7	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
2-100	54.9	79.9	80.7	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1-100	56.0	81.2	81.9	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2-100	56.5	82.0	82.8	83.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
1-100	61.1	87.3	88.1	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2-100	61.3	87.9	88.7	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
1-100	62.4	89.8	90.6	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2-100	62.7	90.2	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1-100	63.6	91.1	91.8	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
2-100	64.1	92.3	93.1	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1-100	64.1	92.3	93.1	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2-100	64.4	93.2	94.1	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1-100	64.4	93.3	94.2	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
2-100	64.8	93.7	94.8	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1-100	65.2	94.1	95.2	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2-100	66.2	95.4	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1-100	66.2	95.4	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2-100	66.2	95.4	96.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1-100	66.3	95.5	96.9	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2-100	66.3	95.7	97.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1-100	66.5	95.9	97.5	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2-100	66.5	95.9	97.5	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1-100	66.5	96.0	97.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2-100	66.5	96.0	97.9	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1-100	66.5	96.1	98.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2-100	66.5	96.1	98.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1-100	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2-100	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-100	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2-100	66.5	96.1	98.1	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 796

USAF ETAC 0-145 DL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

774586 SALINA MAP KS

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING	20	26	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100
1000	44.1	67.3	67.9	68.7	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
900	47.9	73.0	73.8	74.6	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
800	47.9	73.0	73.8	74.6	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
700	49.1	74.2	75.1	75.8	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
600	49.5	74.8	75.7	76.5	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
500	53.3	79.6	80.5	81.4	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
400	53.6	80.0	80.9	81.9	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
300	55.9	83.1	84.1	85.0	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
200	56.3	83.7	84.6	85.6	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
100	57.4	85.2	86.1	87.1	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
0	58.8	87.4	88.5	89.5	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1000	59.1	87.6	88.7	89.7	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
900	59.8	89.0	90.2	91.2	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
800	60.1	89.4	90.6	91.6	92.3	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
700	60.9	90.4	91.7	92.8	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
600	61.2	90.8	92.2	93.3	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
500	62.0	92.0	93.4	94.6	95.4	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
400	62.1	92.1	93.5	94.7	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
300	62.5	92.8	94.3	95.5	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
200	62.7	93.2	94.6	95.9	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
100	62.9	93.7	95.3	96.6	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0	63.0	93.8	95.5	96.7	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	63.0	93.9	95.7	96.9	97.8	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
900	63.1	94.1	95.9	97.2	98.2	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	63.1	94.1	96.0	97.4	98.5	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	63.1	94.3	96.2	97.6	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	63.1	94.3	96.3	97.7	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	63.1	94.3	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	63.1	94.4	96.3	97.7	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 6370

2

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2

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

[illegible]TOTAL NUMBER OF OBSERVATIONS 790

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

CEILING		VISIBILITY															
		200	24	25	24	22	22	21	21	20	20	19	19	18	18	17	17
NO	CEILING	39.3	58.2	60.4	61.5	61.8	62.0	62.1	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.6
1	2000	43.6	64.4	66.9	68.2	68.6	68.7	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4
2	1800	43.6	64.5	67.7	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6
3	1600	43.6	64.5	67.7	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6
4	1400	44.5	65.9	68.5	69.8	70.2	70.3	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.0
5	1200	44.8	66.3	68.8	70.2	70.6	70.7	70.9	71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.4
6	1000	47.9	70.9	73.5	75.3	75.8	76.0	76.2	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.7
7	800	47.6	71.0	73.6	75.5	76.0	76.1	76.3	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.8
8	600	52.0	76.9	79.5	81.3	81.8	82.0	82.2	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.8
9	400	52.8	78.3	80.9	82.7	83.2	83.3	83.6	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.2
10	200	53.5	79.9	82.5	84.3	84.8	84.9	85.2	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.8
11	100	56.0	82.6	85.2	87.0	87.6	87.7	88.0	88.1	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.6
12	50	56.1	82.7	85.3	87.1	87.7	87.9	88.1	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.7
13	25	56.9	83.7	86.3	88.1	88.7	88.8	89.1	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.7
14	10	57.3	84.0	86.6	88.5	89.1	89.2	89.4	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.1
15	5	57.5	84.5	87.1	89.0	89.7	89.8	90.1	90.2	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.7
16	2	57.8	84.8	87.4	89.2	89.9	90.1	90.4	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.0
17	1	58.0	85.9	88.6	90.4	91.4	91.5	92.0	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.6
18	0	58.0	86.3	89.1	90.9	92.0	92.1	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.3
19	0	58.5	87.4	90.2	92.5	93.6	93.7	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8
20	0	58.5	87.7	90.7	93.0	94.1	94.2	94.7	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.3
21	0	58.5	87.9	90.8	93.1	94.2	94.4	94.8	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.5
22	0	58.7	88.0	91.0	93.5	94.7	94.8	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	96.0
23	0	58.8	88.1	91.3	93.7	95.0	95.1	95.6	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.3
24	0	58.9	88.3	92.0	94.5	95.8	96.0	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.2
25	0	58.9	88.3	92.1	94.7	96.3	96.6	97.1	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.9
26	0	59.0	88.7	92.5	95.1	96.8	97.1	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.5
27	0	59.0	88.7	92.5	95.1	96.9	97.2	98.0	98.4	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.1
28	0	59.1	88.8	92.6	95.2	97.1	97.3	98.2	98.5	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.3
29	0	59.1	88.8	92.6	95.2	97.1	97.3	98.2	98.5	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.6
30	0	59.1	88.8	92.6	95.2	97.1	97.3	98.2	98.5	98.5	98.9	99.0	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

815

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0900-1100

47.1	65.0	65.9	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
51.4	70.6	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
51.4	70.6	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
51.4	70.6	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
52.6	72.0	72.8	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
54.0	73.3	74.2	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
56.5	77.4	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
56.8	77.6	78.8	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
58.5	80.2	81.4	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
59.1	81.4	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
60.3	83.4	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
61.3	85.2	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
61.6	85.4	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
62.1	86.2	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
62.1	86.2	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
62.5	87.3	88.9	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
62.8	88.0	89.7	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
63.3	89.2	91.1	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
63.4	89.4	91.2	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
63.5	90.3	92.4	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
64.1	91.6	93.6	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
64.7	93.5	95.7	96.2	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
64.7	93.8	96.0	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
64.7	93.8	96.0	96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
64.9	93.9	96.1	96.8	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
64.9	93.9	96.2	97.1	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
64.9	94.6	96.9	97.8	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
65.0	94.7	97.1	97.9	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
65.0	94.7	97.1	97.9	98.5	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 817

**2**

1

73-81

AUG

1200-1400

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2

USAF E1AC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

774586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

50.1	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
54.4	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
54.4	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
54.4	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
55.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
56.1	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
59.2	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
59.3	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
60.4	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
61.2	81.7	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
62.2	83.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
65.8	87.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
66.3	88.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
68.2	90.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
69.1	91.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
70.0	93.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
70.8	94.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
71.3	95.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
71.5	95.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
71.7	96.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
71.7	96.9	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
72.1	97.4	98.4	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.1	97.5	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
72.1	97.7	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
72.1	98.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
72.1	98.0	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.1	98.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 814

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1-1000	52.2	72.5	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
1-1000	57.7	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
1-1000	57.7	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
1-1000	57.7	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
1-1000	59.6	82.5	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
1-1000	62.2	87.1	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1-1000	62.2	87.1	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1-1000	63.3	88.5	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1-1000	64.1	89.6	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1-1000	65.4	90.9	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1-1000	67.2	93.9	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
1-1000	67.2	93.9	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
1-1000	67.5	95.0	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1-1000	67.7	95.5	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1-1000	68.1	96.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1-1000	68.2	96.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1-1000	68.5	96.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1-1000	68.5	96.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1-1000	68.5	97.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1-1000	68.5	97.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1-1000	68.5	97.3	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1-1000	68.6	97.4	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1-1000	68.6	97.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1-1000	68.6	97.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1-1000	68.6	97.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1-1000	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-1000	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-1000	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-1000	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-1000	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-1000	68.6	97.6	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

774586 SALINA MAP KS

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET		VISIBILITY STATUTE MILES															
		1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6	7	8	9	10
1000	1000	48.6	66.9	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
900	900	53.2	73.1	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
800	800	53.2	73.1	73.9	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
700	700	53.2	73.1	73.9	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
600	600	54.3	74.4	75.2	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
500	500	54.9	75.2	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
400	400	57.6	79.4	80.3	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
300	300	57.7	79.5	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
200	200	59.8	82.8	83.7	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
100	100	60.5	84.0	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
0	0	61.5	85.5	86.5	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1000	1000	63.6	88.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
900	900	63.7	88.6	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
800	800	64.5	89.8	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
700	700	64.9	90.4	91.4	91.9	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
600	600	65.9	91.4	92.5	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
500	500	65.8	92.0	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
400	400	66.2	92.9	94.2	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
300	300	66.2	93.1	94.3	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
200	200	66.4	93.6	94.9	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
100	100	66.7	94.2	95.6	96.2	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	0	66.9	94.7	96.3	97.0	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1000	1000	67.0	95.0	96.5	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
900	900	67.1	95.1	96.7	97.4	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	800	67.1	95.4	97.1	97.8	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
700	700	67.1	95.4	97.2	98.0	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
600	600	67.1	95.6	97.4	98.2	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
500	500	67.1	95.6	97.5	98.3	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
400	400	67.1	95.6	97.5	98.3	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
300	300	67.1	95.6	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
200	200	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9
100	100	67.1	95.7	97.5	98.3	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6439

2  
SECRET CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1-1000	54.3	70.3	70.8	70.9	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
1-2000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
2-1000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
2-2000	56.5	72.3	72.8	73.0	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
3-1000	57.8	73.6	74.1	74.2	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
3-2000	58.9	75.0	75.5	75.6	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
4-1000	61.1	78.1	78.6	78.7	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
4-2000	61.1	78.1	78.6	78.7	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
5-1000	61.6	79.6	80.2	80.4	80.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
5-2000	61.9	81.0	81.6	81.8	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
6-1000	62.9	82.7	83.3	83.4	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6
6-2000	64.5	85.1	85.7	85.8	86.4	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
7-1000	64.5	85.3	86.0	86.1	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
7-2000	65.3	86.9	87.5	87.6	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
8-1000	65.4	87.0	87.6	87.8	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
8-2000	65.7	88.1	88.8	89.2	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
9-1000	66.1	89.5	90.3	90.8	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0
9-2000	66.7	91.3	92.1	92.6	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8
10-1000	66.7	91.5	92.2	92.7	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
10-2000	66.7	91.8	92.6	93.1	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3
11-1000	66.7	92.3	93.2	93.8	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
11-2000	66.7	92.7	93.8	94.4	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7
12-1000	66.7	93.1	94.1	94.8	95.4	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
12-2000	66.7	93.2	94.3	94.9	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
13-1000	66.7	93.4	94.5	95.2	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6
13-2000	66.7	93.4	94.5	95.2	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
14-1000	66.8	93.8	95.3	96.0	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
14-2000	66.8	93.9	95.4	96.2	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
15-1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
15-2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
16-1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
16-2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
17-1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
17-2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
18-1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
18-2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
19-1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
19-2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
20-1000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
20-2000	66.8	93.9	95.4	96.2	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 784

USAF ETAC 12-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

	53.7	67.7	69.4	69.9	70.5	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3
55.8	70.3	71.9	72.4	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8
55.8	70.3	71.9	72.4	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8
56.1	70.5	72.2	72.7	73.3	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.1
56.7	71.1	72.8	73.3	73.9	74.3	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.7
59.5	74.6	76.5	77.0	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.4
59.5	74.6	76.5	77.0	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.4
60.5	76.5	78.4	78.9	79.5	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.3
60.8	77.7	79.7	80.3	80.9	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
61.8	79.5	81.5	82.0	82.7	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
62.4	81.4	83.4	83.9	84.6	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
62.5	81.8	83.8	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7
62.7	82.2	84.2	84.7	85.3	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1
62.9	82.7	84.7	85.2	85.8	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6
63.0	83.3	85.3	86.1	86.7	87.2	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6
63.5	84.1	86.2	87.0	87.6	88.1	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5
64.2	85.6	87.7	88.5	89.2	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
64.2	85.8	88.0	88.7	89.5	90.0	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4
64.2	86.1	88.4	89.1	89.9	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8
64.2	87.1	89.4	90.1	90.9	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8
64.3	87.7	90.1	90.9	91.8	92.3	92.4	92.4	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8
64.6	88.4	90.9	91.9	93.0	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.1
64.7	88.9	91.6	92.7	93.9	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
64.7	89.1	92.0	93.2	94.6	95.2	95.3	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8
64.7	89.1	92.5	93.8	95.2	96.2	96.5	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.0
64.7	89.4	92.8	94.2	95.9	97.0	97.2	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
64.7	89.4	92.8	94.2	96.1	97.2	97.5	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0
64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.9
64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.5	98.7	98.7	99.2	99.2	99.2	99.2	99.4
64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.5	98.7	98.7	99.5	99.5	99.5	99.5	99.6
64.7	89.4	92.8	94.2	96.1	97.6	98.0	98.0	98.0	98.5	98.7	98.7	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 790

2  
GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

7600-0800

43.4	55.1	57.8	59.8	61.1	61.7	62.1	62.5	62.5	62.8	62.8	62.8	63.0	63.0	63.0	63.1
45.7	58.7	61.3	63.6	64.9	65.5	65.9	66.3	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.9
45.7	58.7	61.3	63.6	64.9	65.5	65.9	66.3	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.9
46.1	59.0	61.7	64.0	65.3	65.9	66.3	66.7	66.7	67.0	67.0	67.0	67.2	67.2	67.2	67.3
47.1	60.1	62.7	65.0	66.3	66.9	67.3	67.7	67.7	68.1	68.1	68.1	68.2	68.2	68.2	68.3
50.0	63.9	66.5	68.8	70.1	70.7	71.1	71.5	71.5	71.9	71.9	71.9	72.0	72.0	72.0	72.1
50.1	64.0	66.7	69.0	70.2	70.9	71.2	71.6	71.6	72.0	72.0	72.0	72.1	72.1	72.1	72.3
52.7	67.2	69.8	72.4	73.7	74.3	74.7	75.1	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.7
52.7	67.8	70.5	73.0	74.3	75.1	75.4	75.8	75.8	76.2	76.2	76.2	76.3	76.3	76.3	76.5
53.4	69.5	72.1	74.8	76.1	76.8	77.2	77.6	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.2
54.7	71.8	74.6	77.5	78.8	79.5	79.9	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	81.0
55.1	72.1	75.1	78.3	79.3	80.0	80.4	80.9	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.6
56.0	73.7	76.7	79.8	81.0	81.8	82.2	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.3
56.7	74.3	77.4	80.5	81.8	82.6	83.0	83.5	83.5	83.8	83.8	83.8	84.0	84.0	84.0	84.1
56.1	75.2	78.2	81.6	82.8	83.6	84.1	84.6	84.6	85.0	85.0	85.0	85.1	85.1	85.1	85.2
56.4	76.0	79.1	82.7	84.1	84.9	85.4	85.9	85.9	86.3	86.3	86.3	86.4	86.4	86.4	86.5
56.9	77.5	80.7	84.2	85.6	86.4	86.9	87.4	87.4	87.8	87.8	87.8	87.9	87.9	87.9	88.0
57.1	78.4	81.6	85.1	86.5	87.3	87.8	88.3	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.9
57.1	78.8	81.9	85.8	87.2	87.9	88.4	88.9	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.6
57.3	79.6	82.8	86.6	88.4	89.3	89.8	90.3	90.3	90.7	90.7	90.7	90.8	90.8	90.8	91.0
57.4	80.7	84.1	88.2	90.1	91.0	91.5	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.6
57.4	80.8	84.2	88.4	90.3	91.3	91.9	92.4	92.4	92.7	92.7	92.7	92.9	92.9	92.9	93.0
57.5	81.7	85.4	89.6	91.5	92.5	93.0	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.1
57.6	82.2	86.1	90.3	92.2	93.3	93.9	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.2
57.8	82.3	86.3	90.5	92.7	93.8	94.5	95.2	95.2	95.5	95.5	95.5	95.7	95.7	95.7	95.8
57.9	82.8	87.0	91.3	93.9	94.9	95.7	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.9
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.0	98.0	98.0	98.3	98.3	98.3	98.5
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.0	98.1	98.1	98.5	98.5	98.5	98.6
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.7	98.7	99.2	99.4	99.4	99.5
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.7	98.7	99.2	99.4	99.4	99.5
57.9	82.8	87.2	92.0	94.8	95.9	96.9	97.6	97.6	98.1	98.7	98.7	99.2	99.4	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

774566

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY (MILES)																
CEILING (FEET)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0-50	49.7	62.2	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
50-100	53.8	67.8	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
100-150	53.8	67.8	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
150-200	53.9	67.8	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
200-250	54.3	68.3	69.0	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
250-300	54.4	68.5	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
300-350	57.0	71.7	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
350-400	57.1	71.8	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
400-450	58.2	73.9	75.0	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
450-500	58.4	74.7	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
500-550	59.6	76.3	77.4	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
550-600	60.7	77.7	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
600-650	60.9	78.0	79.6	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
650-700	61.8	79.3	80.8	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
700-750	61.9	79.6	81.1	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
750-800	62.2	80.5	82.1	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
800-850	62.2	81.1	82.7	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
850-900	63.5	83.1	84.9	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
900-950	63.8	83.6	85.4	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
950-1000	64.3	85.0	87.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
1000-1100	65.1	86.8	89.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1100-1200	65.2	88.2	90.7	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
1200-1300	65.4	88.8	91.5	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1300-1400	65.4	89.2	91.9	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1400-1500	65.5	90.2	93.0	94.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1500-1600	65.5	90.7	93.7	95.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1600-1700	65.5	91.4	94.4	95.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1700-1800	65.5	91.8	94.8	96.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
1800-1900	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
1900-2000	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
2000-2100	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9
2100-2200	65.5	91.8	94.9	96.7	98.5	98.5	98.9	99.2	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

49.2	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
55.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
55.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
55.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
56.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
56.7	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
58.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
58.9	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
59.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
61.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
61.2	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
62.0	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
62.0	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
63.1	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
63.5	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
64.6	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
65.6	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
67.3	86.9	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
67.9	87.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
68.3	90.2	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
69.3	93.0	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
69.5	93.6	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
69.5	94.4	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
69.5	94.4	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
69.5	95.3	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
69.5	95.9	96.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
69.5	96.2	97.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.5	96.2	97.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFS WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

		VISIBILITY IN FEET															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
NO. OF	CEILING	49.2	63.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
2	2000	55.8	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2	1000	55.8	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2	500	55.8	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2	100	56.5	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
2	200	57.9	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
2	1000	60.5	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2	500	60.5	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2	100	62.1	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2	200	62.4	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2	500	63.2	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
2	1000	64.8	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
2	200	65.1	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2	500	66.3	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2	1000	67.1	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2	200	68.1	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2	500	69.1	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2	1000	70.1	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
2	200	70.3	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2	500	70.8	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2	1000	71.2	95.2	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2	200	71.4	96.1	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
2	500	71.4	96.8	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2	1000	71.4	96.8	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2	200	71.4	97.1	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2	500	71.4	97.1	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2	1000	71.4	97.6	98.0	98.6	98.9	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2	200	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	500	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	1000	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	200	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	500	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	1000	71.4	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

74586 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
NO CLOUDS	53.2	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1-99%	58.9	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2-99%	58.9	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1-99%	58.9	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1-99%	60.1	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
1-99%	60.8	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
1-99%	64.0	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1-99%	64.0	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1-99%	65.7	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
1-99%	66.0	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
1-99%	66.8	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1-99%	67.9	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
1-99%	68.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
1-99%	68.6	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1-99%	69.3	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
1-99%	69.3	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1-99%	69.3	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1-99%	70.2	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1-99%	70.2	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1-99%	71.1	94.2	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
1-99%	71.5	95.3	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1-99%	71.7	96.1	96.1	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1-99%	71.7	96.3	96.3	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1-99%	71.7	96.5	96.5	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1-99%	71.7	96.7	96.7	97.5	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1-99%	71.7	96.8	96.8	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1-99%	71.7	97.1	97.1	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1-99%	71.7	97.1	97.1	98.5	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1-99%	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1-99%	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1-99%	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1-99%	71.7	97.1	97.1	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

789

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS:

2100-2300

CEILING FEET		VISIBILITY STATUTES MILES															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1000	55.3	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
900	58.6	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4
800	58.6	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4
700	60.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
600	60.6	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
500	63.5	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
400	63.5	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
300	64.7	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
200	65.5	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
100	66.4	86.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
0	67.5	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1
1000	67.9	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
900	68.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
800	68.7	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
700	68.9	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0
600	69.1	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5
500	69.6	93.6	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
400	69.6	93.7	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5
300	69.7	94.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0
200	69.7	94.5	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
100	70.1	95.3	95.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
0	70.1	95.6	95.8	97.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4
1000	70.1	95.8	96.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
900	70.1	96.2	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
800	70.1	96.2	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
700	70.1	96.2	96.6	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
600	70.1	96.4	97.1	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
500	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
400	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
300	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
200	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
100	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
0	70.1	96.5	97.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 795

USAF ETAC 0-14-5 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

		USAFETAC STATISTICS															
		21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6
NO. OF	51.1	64.6	65.4	65.9	66.2	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
21000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
2 8000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
2 6000	55.1	69.9	70.7	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
2 4000	55.9	70.8	71.5	72.1	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
2 2000	56.7	71.7	72.5	73.0	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8
2 1000	59.2	75.2	76.1	76.5	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
2 9000	59.3	75.2	76.1	76.6	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4
2 8000	60.7	77.3	78.2	78.8	79.1	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
2 7000	61.0	78.4	79.3	79.9	80.2	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
2 6000	62.0	79.7	80.6	81.2	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0
2 5000	63.1	81.5	82.5	83.1	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2 4500	63.3	82.0	82.9	83.6	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4
2 4000	64.0	83.2	84.2	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
2 3500	64.4	83.9	84.9	85.6	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
2 3000	64.8	85.2	86.2	87.0	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
2 2500	65.2	86.1	87.2	88.1	88.4	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
2 2000	66.1	87.9	89.0	89.9	90.2	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
2 1500	66.2	88.3	89.4	90.3	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
2 1000	66.5	89.2	90.4	91.4	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
2 9500	66.9	90.5	91.7	92.8	93.3	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
2 9000	67.0	91.3	92.6	93.9	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
2 8500	67.1	91.8	93.1	94.4	95.1	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
2 8000	67.1	92.1	93.5	94.8	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
2 7500	67.2	92.5	94.1	95.4	96.2	96.5	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
2 7000	67.2	92.7	94.3	95.8	96.6	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
2 6500	67.2	93.1	94.8	96.4	97.4	97.7	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
2 6000	67.2	93.1	95.0	96.7	97.9	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
2 5500	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5
2 5000	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7
2 4500	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8
2 4000	67.2	93.2	95.0	96.8	98.0	98.5	98.9	99.0	99.0	99.3	99.4	99.5	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6305



GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
10000	56.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
9000	57.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
8000	57.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
7000	57.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
6000	57.6	75.6	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
5000	58.4	76.4	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
4000	60.2	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
3000	60.2	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
2000	60.6	80.2	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
1000	60.7	80.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
800	60.7	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8
700	62.1	82.5	83.7	83.7	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
600	62.4	83.4	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5
500	63.7	84.5	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
400	63.8	85.6	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
300	64.4	86.7	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
200	64.6	87.0	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
100	65.0	87.6	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0
80	65.0	88.0	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
70	65.6	89.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
60	65.6	89.5	91.7	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7
50	65.6	89.6	91.9	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
40	65.6	89.8	92.2	92.7	93.3	93.3	93.5	93.5	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
30	65.6	90.2	92.9	93.5	94.2	94.2	94.6	94.6	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
20	65.6	90.9	94.0	94.6	95.8	95.8	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
10	65.6	91.1	94.1	94.9	96.1	96.1	97.1	97.3	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
8	65.6	91.1	94.4	95.1	96.5	96.5	97.6	97.9	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
6	65.6	91.1	94.4	95.1	96.6	96.6	97.7	98.0	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
4	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
2	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
0	65.6	91.1	94.4	95.2	96.7	96.7	97.8	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6

TOTAL NUMBER OF OBSERVATIONS 817

USAF ETAC 0-14-5 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2  
L. RAL CLIMATOLOGY BRANCH  
JAFETAC  
AI WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

74536 JALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1300-0500

51.5	68.2	68.4	69.2	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
52.6	70.7	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
52.6	70.7	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
52.6	70.7	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
52.7	70.8	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.4
53.1	71.1	71.8	72.1	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
56.2	73.2	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8
56.5	75.4	76.0	76.4	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
56.5	76.5	77.1	77.5	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
57.1	76.9	77.5	77.9	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5
57.2	77.4	78.1	78.5	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1
58.8	79.5	80.2	80.6	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.2
58.9	80.1	80.9	81.3	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9
59.7	82.0	82.9	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.9
60.3	82.6	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5
61.1	84.0	85.5	85.8	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6
61.5	84.8	86.4	86.8	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
61.7	85.3	87.3	87.7	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5
61.9	85.6	87.7	88.0	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9
62.5	87.2	89.6	90.0	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
62.5	88.3	91.2	91.6	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
62.5	88.9	91.9	92.3	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.2
62.5	89.0	92.3	92.7	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
62.5	89.5	93.0	93.4	94.1	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6
62.5	89.7	93.5	93.9	94.8	94.8	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
62.5	89.7	93.9	94.3	95.4	95.4	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
62.6	90.0	94.1	94.7	95.8	96.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
62.6	90.0	94.3	95.0	96.3	96.5	97.8	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.3
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.1	99.1	99.3
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.1	99.1	99.3
62.6	91.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.3	99.3	99.5
62.6	90.0	94.3	95.2	96.7	96.8	98.3	98.3	98.3	98.5	98.9	98.9	99.1	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

774586 SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

ELEVATION FEET		VISIBILITY IN MILES															
		1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4
1-0	1-0	49.5	64.4	64.9	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.3	66.3
1-1000	1-1000	50.7	66.3	66.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
1-2000	1-2000	50.7	66.3	66.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
1-3000	1-3000	50.8	66.4	66.9	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3
1-4000	1-4000	51.4	67.5	68.1	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5
1-5000	1-5000	51.8	68.0	68.6	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0
2-0	2-0	54.3	71.1	71.7	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2
2-1000	2-1000	54.6	71.4	72.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4
2-2000	2-2000	55.3	72.6	73.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.8	74.8
2-3000	2-3000	55.4	72.8	73.4	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.3	75.3
2-4000	2-4000	56.0	74.2	74.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7
2-5000	2-5000	57.5	76.5	77.2	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4
3-0	3-0	57.5	76.9	77.8	79.3	79.5	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0
3-1000	3-1000	58.5	78.4	79.8	81.2	81.5	81.6	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0
3-2000	3-2000	58.8	78.9	80.3	81.7	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.5	82.5
3-3000	3-3000	60.3	81.0	82.6	84.0	84.3	84.4	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.8
3-4000	3-4000	60.4	81.6	83.3	84.9	85.3	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.9	85.9
3-5000	3-5000	61.0	82.5	84.3	85.9	86.2	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8
4-0	4-0	61.0	82.6	84.4	86.0	86.4	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	87.0	87.0
4-1000	4-1000	61.6	83.9	86.1	87.7	88.2	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8
4-2000	4-2000	61.9	85.3	87.7	89.3	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5
4-3000	4-3000	62.1	86.0	88.8	90.4	91.0	91.1	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7
4-4000	4-4000	62.2	86.2	89.0	90.6	91.2	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	92.0	92.0
4-5000	4-5000	62.2	86.7	89.9	91.5	92.1	92.2	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.1	93.1
5-0	5-0	62.2	87.2	90.5	92.1	93.1	93.3	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.2	94.2
5-1000	5-1000	62.2	87.2	90.7	92.6	93.7	93.9	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.8	94.8
5-2000	5-2000	62.2	87.7	91.6	93.8	95.1	95.5	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5
5-3000	5-3000	62.2	87.7	91.8	94.3	95.6	96.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6
5-4000	5-4000	62.2	87.7	91.8	94.4	95.7	96.3	97.7	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.4
5-5000	5-5000	62.2	87.7	92.0	94.5	95.9	96.5	97.8	97.8	97.9	98.2	98.3	98.3	98.5	98.5	98.7	98.8
6-0	6-0	62.4	87.8	92.1	94.6	96.0	96.6	97.9	97.9	98.1	98.3	98.4	98.4	98.8	98.8	98.9	99.3
6-1000	6-1000	62.4	87.8	92.1	94.6	96.0	96.6	97.9	97.9	98.1	98.3	98.4	98.4	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

OCT

0900-1100

TOTAL NUMBER OF OBSERVATIONS 815

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

73-81

OCT

1200-1400

TOTAL NUMBER OF OBSERVATIONS 811

USAF E7AC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

OCT

1500-1700

TOTAL NUMBER OF OBSERVATIONS 824

USAF ETAC 0-14-5 TOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**2**

73-81

OCT

1800-2000

TOTAL NUMBER OF OBSERVATIONS 815

USAF ETAC 3-14-5 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

00T

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
NO DATA	55.1	73.6	73.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1000	58.3	77.5	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
1200	58.3	77.5	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
1400	58.6	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
1600	59.0	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1800	60.9	80.7	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2000	60.9	80.7	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2200	62.6	82.9	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
2400	63.3	83.6	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
2600	63.4	83.9	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2800	64.1	85.3	85.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
3000	64.3	85.7	85.9	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
3200	65.2	87.0	87.4	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
3400	65.3	87.4	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
3600	66.1	89.0	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3800	66.5	89.4	89.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4000	66.7	90.8	91.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
4200	66.7	91.0	91.8	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
4400	66.9	91.2	92.1	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
4600	67.0	91.4	92.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
4800	67.2	91.9	93.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
5000	67.2	92.1	93.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
5200	67.2	92.4	94.4	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
5400	67.2	92.7	94.9	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
5600	67.4	93.0	95.5	96.6	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
5800	67.4	93.3	95.8	97.2	98.5	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6000	67.4	93.3	95.8	97.2	98.5	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6200	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6400	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6600	67.4	93.3	95.8	97.2	98.5	98.5	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

818



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704566 SALINA MAP KS

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
NO FEET	52.7	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
1-100	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
2-100	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
3-100	55.7	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
4-100	56.2	73.4	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
5-100	56.8	74.1	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
6-100	58.8	76.9	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
7-100	59.0	77.1	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
8-100	59.7	78.3	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
9-100	59.9	78.8	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7
10-100	60.2	79.4	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
11-100	61.2	81.2	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
12-100	61.4	81.6	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.9
13-100	62.4	83.1	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
14-100	62.8	83.8	84.4	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
15-100	63.6	85.2	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
16-100	64.2	86.1	86.9	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
17-100	64.7	87.4	88.5	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
18-100	64.9	87.8	88.9	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
19-100	65.3	88.9	90.2	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
20-100	65.6	89.8	91.3	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
21-100	65.8	90.5	92.4	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
22-100	65.8	90.7	92.6	93.4	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
23-100	65.8	91.1	93.2	94.1	94.7	94.7	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
24-100	65.8	91.5	93.7	94.7	95.3	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
25-100	65.9	91.6	94.0	95.2	96.1	96.2	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
26-100	65.9	91.9	94.6	95.9	97.2	97.3	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
27-100	65.9	92.0	94.7	96.1	97.5	97.7	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0
28-100	65.9	92.0	94.7	96.2	97.6	97.9	98.7	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5
29-100	65.9	92.0	94.7	96.2	97.7	97.9	98.8	98.9	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
30-100	65.9	92.0	94.7	96.2	97.7	97.9	98.8	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.8
31-100	65.9	92.0	94.7	96.2	97.7	97.9	98.8	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6539

USAF ETAC 10-14-5 DL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

UNIT		20	26	31	34	37	42	47	52	57	62	67	72	77	82	87	92	97	100
1	FEET	44.9	61.4	61.8	62.1	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
2	FEET	47.4	65.0	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
3	FEET	47.4	65.0	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
4	FEET	47.4	65.0	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
5	FEET	48.5	66.1	66.5	66.9	67.0	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
6	FEET	48.8	66.5	66.9	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
7	FEET	51.1	69.5	69.9	70.3	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
8	FEET	51.4	69.8	70.1	70.5	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
9	FEET	52.9	71.3	71.6	72.0	72.1	72.1	72.3	72.6	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
10	FEET	53.4	71.9	72.3	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
11	FEET	54.5	73.3	73.6	74.0	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
12	FEET	56.1	75.4	75.9	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
13	FEET	56.1	75.5	76.0	76.4	76.5	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
14	FEET	56.5	77.4	78.1	78.5	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
15	FEET	56.5	77.9	78.8	79.1	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
16	FEET	56.8	79.1	80.4	80.8	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
17	FEET	57.3	80.1	81.4	81.9	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
18	FEET	57.8	81.5	82.9	83.4	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
19	FEET	57.9	82.0	83.4	83.9	84.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
20	FEET	58.5	83.9	85.3	85.8	85.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
21	FEET	59.5	86.0	87.4	88.1	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
22	FEET	59.8	86.8	88.5	89.3	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
23	FEET	60.1	87.4	89.1	90.0	90.8	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
24	FEET	60.1	87.9	89.6	90.5	91.8	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
25	FEET	60.3	88.0	89.8	90.9	92.4	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
26	FEET	60.3	88.1	90.0	91.3	93.0	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
27	FEET	60.3	88.1	90.3	91.9	94.0	94.1	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
28	FEET	60.3	88.1	90.4	92.1	94.5	94.6	96.0	96.6	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
29	FEET	60.3	88.1	90.4	92.4	95.1	95.3	96.6	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
30	FEET	60.3	88.1	90.4	92.6	95.4	95.5	97.1	98.3	98.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
31	FEET	60.3	88.1	90.4	92.6	95.4	95.5	97.1	98.3	98.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
32	FEET	60.3	88.1	90.4	92.6	95.4	95.5	97.1	98.3	98.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	20	26	31	34	37	40	43	47	50	54	59	64	69	74	79	84	89	94	99	100
20000	44.2	58.5	60.2	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
18000	46.2	61.7	63.5	63.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
16000	46.2	61.7	63.5	63.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
14000	46.2	61.7	63.5	63.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
12000	47.1	62.6	64.4	64.7	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
10000	47.3	63.9	65.2	65.6	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
8000	48.8	66.0	67.8	68.1	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
6000	48.8	66.1	67.9	68.3	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
4000	50.4	68.3	70.0	70.4	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
2000	50.7	68.6	70.4	70.8	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
1000	51.1	69.1	70.9	71.3	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
800	51.7	70.4	72.3	72.6	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
600	51.7	70.8	72.6	73.0	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
400	52.3	71.8	74.0	74.4	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
200	52.7	72.5	74.8	75.2	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
100	52.8	73.8	76.0	76.4	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
80	53.2	74.7	77.0	77.4	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
60	54.3	77.4	79.9	80.3	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
40	54.3	77.9	80.4	80.8	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
20	55.6	80.4	83.4	83.8	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
10	56.6	82.7	85.9	86.6	87.8	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
8	56.7	83.2	86.7	87.6	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
6	57.1	83.7	88.1	89.1	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
4	57.3	84.2	89.3	90.5	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2	57.3	84.8	90.2	91.3	93.1	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1	57.3	84.9	90.5	91.7	93.6	93.6	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0	57.3	84.9	90.8	92.6	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
0	57.3	85.3	91.2	93.2	96.0	96.0	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	57.3	85.3	91.2	93.2	96.1	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	57.3	85.3	91.2	93.2	96.1	96.1	98.4	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	57.3	85.3	91.2	93.2	96.1	96.1	98.5	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	57.3	85.3	91.2	93.2	96.1	96.1	98.5	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 797

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SALINA MAP KS

73-81

**NOW**

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

[illegible]

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0900-1100

ELEVATION (FEET)		VISIBILITY (STATUTE MILES)																			
		20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96
1000	2000	39.3	52.5	53.4	53.5	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
1000	2000	43.9	59.7	60.6	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1000	2000	43.9	59.7	60.6	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1000	2000	45.1	61.4	62.3	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
1000	2000	46.0	62.3	63.2	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
1000	2000	48.0	64.7	65.6	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
1000	2000	48.0	64.9	65.7	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
1000	2000	49.4	67.3	68.4	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1000	2000	49.6	67.6	68.8	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
1000	2000	50.4	68.9	70.0	70.3	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
1000	2000	51.3	70.0	71.3	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
1000	2000	51.6	70.3	71.7	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1000	2000	51.7	70.7	72.1	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
1000	2000	52.0	71.2	72.6	72.8	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
1000	2000	52.6	72.9	74.3	74.6	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1000	2000	53.2	74.2	75.7	76.1	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
1000	2000	53.9	76.0	77.6	78.3	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
1000	2000	54.1	76.5	78.1	78.8	79.0	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
1000	2000	55.1	78.9	80.5	81.2	81.5	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1000	2000	56.4	81.8	83.7	84.5	84.8	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1000	2000	56.8	83.1	85.3	86.1	86.5	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1000	2000	56.8	83.7	86.0	87.0	87.4	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1000	2000	56.9	84.7	87.4	88.5	88.9	88.9	89.4	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
1000	2000	57.1	85.1	88.2	90.1	90.6	90.6	91.2	91.4	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
1000	2000	57.1	85.5	88.9	91.4	92.0	92.0	92.7	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1000	2000	57.1	85.8	89.8	92.3	93.2	93.4	94.7	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1000	2000	57.1	85.8	89.8	92.3	93.3	93.8	95.3	96.0	96.1	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1000	2000	57.1	85.8	89.8	92.4	93.4	93.9	95.7	96.6	96.7	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1000	2000	57.1	85.8	89.8	92.4	93.4	93.9	95.7	97.0	97.1	98.4	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1000	2000	57.1	85.8	89.8	92.4	93.4	93.9	95.7	97.0	97.1	98.4	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	2000	57.1	85.8	89.8	92.4	93.4	93.9	95.7	97.0	97.1	98.4	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY - MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO. OF LINE	44.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	49.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	49.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	49.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	51.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	51.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	54.3	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	54.3	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	55.3	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	55.7	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000	56.4	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	56.8	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	57.0	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	57.2	73.2	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	58.0	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	59.3	76.4	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	60.0	77.7	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	60.8	80.3	80.8	81.0	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	60.9	80.7	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1600	61.6	82.8	83.3	83.4	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1400	62.5	85.2	86.3	86.5	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	62.8	87.0	89.0	89.3	89.7	89.7	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	63.2	87.7	89.8	90.0	90.4	90.5	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	63.2	88.0	90.5	90.8	91.2	91.3	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	63.6	88.9	91.8	92.3	92.8	93.0	93.5	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	63.6	89.1	92.2	93.1	93.6	93.9	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	63.8	89.4	92.6	93.7	94.6	95.3	96.7	96.9	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	63.6	89.5	92.7	94.0	95.0	95.9	97.4	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	63.8	89.5	92.7	94.0	95.1	96.0	97.6	98.0	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	63.6	89.5	92.7	94.0	95.1	96.0	97.6	98.2	98.6	99.0	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

783

USAF ETAC

0-14-5 VOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

704586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET		VISIBILITY STATUTE MILES															
		20	26	32	34	36	38	40	42	44	46	48	50	52	54	56	58
1000	NO	43.1	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2000	NO	49.9	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
3000	NO	50.1	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
4000	NO	50.1	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
5000	NO	51.5	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
6000	NO	52.1	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
7000	NO	55.8	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
8000	NO	55.7	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
9000	NO	57.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
10000	NO	57.1	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
11000	NO	58.4	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
12000	NO	59.4	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
13000	NO	59.4	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
14000	NO	60.1	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
15000	NO	61.2	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
16000	NO	61.9	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
17000	NO	62.8	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
18000	NO	63.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
19000	NO	64.1	85.1	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
20000	NO	65.0	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
21000	NO	65.3	88.2	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
22000	NO	66.1	89.6	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
23000	NO	66.1	90.4	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
24000	NO	66.1	90.8	92.4	92.7	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
25000	NO	66.1	91.1	93.2	94.0	94.0	94.0	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
26000	NO	66.1	91.3	93.7	94.5	94.6	94.7	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
27000	NO	66.1	91.3	93.7	95.0	95.5	95.6	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
28000	NO	66.1	91.3	93.7	95.0	95.8	96.0	96.9	97.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7
29000	NO	66.1	91.3	93.7	95.1	96.1	96.4	97.4	97.8	97.8	98.6	98.7	98.7	98.8	98.8	98.8	98.8
30000	NO	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.2	99.6	100.0	100.0
31000	NO	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.2	99.6	100.0	100.0
32000	NO	66.1	91.3	93.7	95.3	96.3	96.5	97.6	98.1	98.1	99.1	99.2	99.2	99.2	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 779

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

ELEVATION		20	26	27	24	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
NO	FEET	45.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
1	2000	50.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
2	1800	51.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
3	1600	51.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
4	1400	52.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
5	1200	53.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
6	1000	56.0	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
7	800	56.4	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
8	600	57.5	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
9	400	57.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
10	200	58.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
11	0	58.9	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
12	2000	58.9	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
13	1800	59.8	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
14	1600	60.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
15	1400	61.5	80.2	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
16	1200	62.5	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
17	1000	63.1	84.9	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
18	800	63.4	85.2	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
19	600	64.0	87.3	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
20	400	64.1	88.5	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
21	200	64.2	89.2	90.8	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
22	0	64.2	89.4	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
23	2000	64.2	89.7	92.1	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
24	1800	64.2	90.1	92.6	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
25	1600	64.2	90.2	92.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
26	1400	64.2	90.2	93.3	94.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
27	1200	64.2	90.2	93.5	95.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
28	1000	64.2	90.2	93.5	95.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
29	800	64.2	90.2	93.5	95.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
30	600	64.2	90.2	93.5	95.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
31	400	64.2	90.2	93.5	95.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
32	200	64.2	90.2	93.5	95.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
33	0	64.2	90.2	93.5	95.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	

TOTAL NUMBER OF OBSERVATIONS 786



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATISTICS															
	210	20	21	24	21	22	23	24	25	26	27	28	29	30	31	32
NO CEILING	45.3	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
21000	49.4	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
21800	49.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
21600	49.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
21400	50.3	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
21200	50.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
21000	52.7	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
21800	53.4	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
21600	55.2	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9
21400	55.7	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9
21200	56.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
21000	57.3	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
21800	57.3	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
21600	58.1	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
21400	58.2	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
21200	58.7	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
21000	59.5	82.2	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
21800	60.2	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
21600	60.4	85.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
21400	60.6	87.1	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
21200	61.0	88.3	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
21000	61.2	89.0	90.4	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2
21800	61.4	89.4	90.9	91.0	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
21600	61.4	89.6	91.4	91.7	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1
21400	61.4	90.2	92.2	92.6	93.1	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
21200	61.4	90.4	92.6	92.9	93.4	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
21000	61.4	90.4	93.2	93.8	94.6	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
21800	61.4	90.5	93.4	94.4	95.2	95.3	97.0	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7
21600	61.4	90.5	93.6	94.8	95.7	95.8	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4
21400	61.4	90.5	93.6	95.2	96.1	96.2	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2
21200	61.4	90.5	93.6	95.2	96.1	96.2	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.6
21000	61.4	90.5	93.6	95.2	96.1	96.2	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET		VISIBILITY STATUTE MILES															
		1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6	7	8	9	10	11	12
NO CEILING		43.6	57.2	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
1-2000		47.6	62.8	63.6	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2-1800		47.7	63.0	63.7	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
3-1600		47.7	63.0	63.7	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
4-1400		48.8	64.2	65.0	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
5-1200		49.3	65.1	65.8	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
6-1000		51.6	67.9	68.7	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
7-800		51.8	68.2	69.1	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
8-600		53.1	69.9	70.7	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
9-400		53.4	70.4	71.3	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
10-200		54.2	71.5	72.4	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
11-100		55.1	72.8	73.8	74.1	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
12-50		55.1	73.0	74.0	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
13-0		55.6	74.0	75.0	75.4	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
14-1000		56.1	74.8	75.9	76.3	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
15-1000		56.6	76.5	77.7	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
16-1000		57.4	77.9	79.3	79.7	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
17-1000		58.2	80.2	81.6	82.1	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
18-1000		58.4	80.7	82.1	82.6	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
19-1000		59.2	82.8	84.4	84.9	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
20-1000		60.0	84.8	86.6	87.3	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
21-1000		60.3	85.8	88.0	88.8	89.3	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
22-1000		60.5	86.3	88.8	89.6	90.2	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
23-1000		60.5	86.8	89.7	90.6	91.4	91.4	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
24-1000		60.6	87.3	90.5	91.7	92.5	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
25-1000		60.6	87.5	90.9	92.3	93.3	93.4	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
26-1000		60.6	87.6	91.3	93.1	94.5	94.7	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
27-1000		60.6	87.7	91.5	93.4	95.0	95.3	96.8	97.2	97.2	97.6	97.7	97.7	97.7	97.8	97.8	97.8
28-1000		60.6	87.7	91.5	93.5	95.3	95.6	97.2	97.6	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.6
29-1000		60.6	87.7	91.5	93.7	95.5	95.8	97.4	98.1	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.5
30-1000		60.6	87.7	91.5	93.7	95.5	95.8	97.4	98.1	98.2	99.0	99.2	99.3	99.5	99.6	99.7	99.7
31-1000		60.6	87.7	91.5	93.7	95.5	95.8	97.4	98.1	98.2	99.0	99.2	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6319

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

		VISIBILITY STATISTICS															
		1/2	3/4	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1/2	50.1	68.5	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
3/4	54.4	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
1	54.4	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2	54.7	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
3	54.7	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
4	56.2	76.9	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
5	56.2	76.9	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
6	56.9	78.0	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
7	57.4	78.8	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
8	58.0	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
9	58.9	81.0	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
10	58.9	81.1	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
11	59.0	81.3	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
12	59.0	81.4	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
13	59.9	82.4	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
14	60.2	83.2	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
15	60.9	84.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
16	61.2	86.1	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
17	61.7	87.2	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
18	61.7	87.8	88.6	89.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
19	61.8	88.3	89.3	90.0	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
20	61.8	88.4	89.5	90.3	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
21	61.8	88.8	89.9	90.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
22	61.9	89.1	90.5	91.5	92.9	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
23	61.9	89.3	90.8	91.8	93.8	94.0	94.6	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
24	61.9	89.3	91.1	92.3	94.6	95.1	95.9	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
25	61.9	89.3	91.1	92.5	94.9	95.4	96.2	97.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7
26	61.9	89.3	91.1	92.5	94.9	95.4	96.4	97.4	97.4	97.7	97.9	97.9	98.4	98.4	98.4	98.4	98.4
27	61.9	89.3	91.1	92.5	95.0	95.5	96.7	97.9	97.9	98.5	99.0	99.0	99.8	99.8	99.8	99.8	99.8
28	61.9	89.3	91.1	92.5	95.0	95.5	96.7	97.9	97.9	98.5	99.0	99.0	99.9	99.9	99.9	99.9	99.9
29	61.9	89.3	91.1	92.5	95.0	95.5	96.7	97.9	97.9	98.5	99.0	99.0	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

USAF ETAC																
CEILING	210	24	27	34	37	43	46	50	54	60	66	74	82	90	99	100
210	48.5	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
200	52.1	72.2	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
180	52.3	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
160	52.3	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
140	53.2	73.8	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
120	53.4	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
100	55.5	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
80	55.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
60	55.7	77.0	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
40	56.1	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
20	56.8	78.9	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
0	57.8	80.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
210	57.8	80.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
200	57.8	80.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
180	58.2	80.9	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
160	58.9	81.8	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
140	58.9	82.2	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
120	59.1	83.7	84.1	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
100	59.3	84.3	84.8	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
80	59.5	84.6	85.4	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
60	59.6	85.9	87.1	88.3	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
40	59.9	86.2	87.8	89.1	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
20	59.9	86.6	88.2	89.5	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
0	59.9	86.6	88.7	90.1	91.5	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1
210	59.9	86.6	88.7	90.1	91.7	91.8	92.2	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7
200	59.9	86.8	88.9	90.6	92.2	92.3	92.9	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5
180	59.9	86.8	89.0	91.1	93.2	93.3	94.3	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6
160	59.9	87.0	89.1	91.5	93.7	93.9	95.0	95.9	95.9	96.1	96.1	96.1	96.8	96.8	96.8	96.8
140	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.6	97.0	97.0	97.7	97.8	97.8	97.8
120	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.7	97.1	97.1	98.7	98.9	98.9	98.9
100	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.7	97.1	97.1	99.1	99.1	99.1	99.1
80	59.9	87.0	89.4	91.7	93.9	94.1	95.4	96.2	96.2	96.7	97.1	97.1	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2000	42.8	59.0	59.5	59.7	59.8	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
2000	47.2	65.2	65.7	65.9	66.0	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
2000	47.2	65.2	65.7	65.9	66.0	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
2000	47.8	66.0	66.5	66.7	66.9	66.9	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2000	48.2	66.6	67.1	67.4	67.5	67.5	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
2000	50.8	69.8	70.3	70.5	70.6	70.6	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
2000	51.1	70.4	70.9	71.1	71.2	71.2	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
2000	51.9	71.5	72.0	72.2	72.3	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
2000	52.5	72.5	72.9	73.2	73.3	73.3	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
2000	53.2	73.1	73.5	73.8	73.9	73.9	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
2000	54.0	74.3	74.8	75.0	75.1	75.1	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
2000	54.0	74.3	74.8	75.0	75.1	75.1	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
2000	54.1	74.4	74.9	75.1	75.2	75.2	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
2000	54.7	75.4	75.8	76.1	76.2	76.2	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
2000	55.2	76.2	76.7	76.9	77.1	77.1	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
2000	55.3	77.1	77.8	78.0	78.3	78.3	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
2000	55.8	78.9	79.7	80.1	80.7	80.7	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2000	56.2	79.5	80.3	80.7	81.4	81.4	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2000	56.7	80.8	81.7	82.3	83.0	83.0	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2000	56.9	82.0	83.7	84.3	85.1	85.1	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
2000	57.3	83.9	85.2	85.9	86.8	86.8	87.1	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2000	57.3	84.3	85.7	86.4	87.3	87.6	88.0	88.1	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000	57.3	84.5	86.2	87.3	88.5	88.8	89.2	89.4	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2000	57.4	84.8	86.5	87.6	89.1	89.4	90.4	90.8	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
2000	57.4	85.1	87.0	88.1	89.6	90.0	91.1	91.6	91.7	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7
2000	57.4	85.1	87.1	88.5	90.3	90.8	91.9	92.8	93.1	93.7	94.2	94.2	94.4	94.4	94.4	94.4	94.4
2000	57.4	85.1	87.1	88.7	90.9	91.4	93.0	93.9	94.3	95.0	95.5	95.5	96.2	96.2	96.2	96.2	96.2
2000	57.4	85.1	87.1	88.7	90.9	91.4	93.2	94.3	95.0	96.0	96.7	96.8	97.6	97.6	97.6	97.7	97.7
2000	57.4	85.1	87.1	88.8	91.0	91.5	93.4	94.7	95.4	96.8	97.8	98.1	98.8	98.8	98.8	99.0	99.0
2000	57.4	85.1	87.1	88.8	91.0	91.5	93.4	94.7	95.5	97.0	98.2	98.5	99.4	99.4	99.4	99.6	99.6
2000	57.4	85.1	87.1	88.8	91.0	91.5	93.4	94.7	95.5	97.0	98.2	98.5	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

USAF ETAC 0-14-5 VOL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1970-1100

CEILING	25	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100
41.8	53.7	54.2	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
46.0	59.8	60.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
46.3	59.8	60.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
46.8	60.8	61.3	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
48.0	62.0	62.5	63.1	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
50.4	65.8	66.3	66.9	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
50.4	66.1	66.5	67.2	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
51.3	67.5	68.0	68.6	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
51.3	68.5	69.0	69.6	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
52.7	69.7	70.2	70.8	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
53.7	71.9	72.5	73.1	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
53.7	72.2	72.8	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
54.5	72.9	73.5	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
54.7	73.1	73.7	74.4	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
54.9	74.2	75.3	75.9	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
55.3	75.1	76.2	76.8	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
57.6	78.0	79.4	80.1	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
58.9	80.6	82.1	82.8	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
59.7	81.9	83.4	84.9	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
60.1	82.9	84.6	86.3	87.1	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
60.1	83.0	84.7	86.7	87.4	88.3	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
60.1	83.0	84.9	87.1	87.9	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
60.1	83.0	84.9	87.1	87.9	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
60.1	83.8	85.8	88.5	89.5	90.5	91.1	91.7	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
60.1	83.9	86.0	88.6	90.2	91.8	93.0	93.9	94.0	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
60.1	83.9	86.1	89.0	91.1	92.8	94.3	95.4	95.7	96.5	97.2	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
60.1	83.9	86.1	89.0	91.5	93.2	94.7	96.1	96.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
60.1	83.9	86.1	89.1	91.6	93.3	95.0	96.3	97.1	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
60.1	83.9	86.1	89.1	91.6	93.3	95.0	96.3	97.1	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
60.1	83.9	86.1	89.1	91.6	93.3	95.0	96.3	97.1	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 819

USAF ETAC 14-5-01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

ELEVATION FEET		VISIBILITY STATUTE MILES															
NO. FEETINGS		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	2000	44.6	58.2	58.5	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
2	1800	50.7	65.6	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
2	1600	50.7	65.6	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
2	1400	51.9	67.2	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
2	1200	52.4	67.7	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2	1000	53.7	69.8	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2	900	53.7	69.8	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2	800	54.6	71.5	71.9	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
2	700	54.6	71.5	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
2	600	54.6	72.0	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2	500	56.0	73.7	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
2	450	56.8	74.7	75.2	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
2	400	57.6	76.0	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2	350	58.1	76.5	77.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2	300	58.7	77.8	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
2	250	59.6	78.9	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2	200	60.6	80.8	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
2	180	60.7	81.5	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2	160	62.2	84.3	85.1	85.5	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
2	140	62.5	85.3	86.2	87.5	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2	120	62.5	85.9	87.1	88.4	88.7	89.1	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
2	100	62.5	86.6	87.9	89.5	89.8	90.2	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2	80	62.5	86.7	88.6	90.3	90.7	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2	70	62.5	87.1	89.1	90.8	91.4	92.1	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2	60	62.5	87.2	89.7	91.4	92.3	93.1	94.3	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7
2	50	62.5	87.2	89.8	91.9	93.2	94.1	95.4	95.5	95.5	96.0	96.7	96.7	96.9	96.9	96.9	96.9
2	40	62.5	87.2	90.0	92.4	94.2	95.0	96.7	96.9	97.1	97.6	98.3	98.3	98.6	98.6	98.8	98.8
2	30	62.5	87.2	90.0	92.4	94.3	95.2	96.8	97.0	97.4	98.1	98.9	99.1	99.5	99.5	99.6	99.6
2	20	62.5	87.2	90.0	92.4	94.3	95.2	96.8	97.0	97.4	98.1	98.9	99.1	99.6	99.6	99.8	99.9
2	10	62.6	87.4	90.1	92.6	94.4	95.3	96.9	97.1	97.5	98.3	99.0	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 807

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586

SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET		VISIBILITY STATUTE MILES															
		20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
1000	FEET	47.6	59.1	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
900	FEET	53.4	68.0	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
800	FEET	53.5	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
700	FEET	53.5	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
600	FEET	54.2	69.1	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
500	FEET	55.7	70.6	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
400	FEET	56.9	72.4	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
300	FEET	56.9	72.6	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
200	FEET	58.0	74.2	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
100	FEET	58.1	74.3	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
0	FEET	58.4	74.7	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1000	FEET	59.1	75.8	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
900	FEET	59.2	75.9	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
800	FEET	60.2	77.2	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
700	FEET	60.2	77.2	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
600	FEET	60.9	79.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
500	FEET	61.4	80.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
400	FEET	62.2	83.1	84.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
300	FEET	62.2	83.2	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
200	FEET	63.7	85.7	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
100	FEET	64.0	87.0	88.5	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
0	FEET	64.0	87.4	89.0	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
1000	FEET	64.0	87.7	89.2	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
900	FEET	64.0	88.0	90.1	91.4	91.8	91.9	92.1	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4
800	FEET	64.0	88.3	90.6	92.0	93.3	93.8	94.2	94.3	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8
700	FEET	64.0	88.6	91.2	93.0	94.4	95.0	95.4	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
600	FEET	64.0	89.0	91.6	93.6	95.5	96.1	96.5	97.1	97.2	97.8	97.9	98.3	98.4	98.4	98.4	98.4
500	FEET	64.0	89.0	91.8	93.7	95.6	96.2	96.7	97.3	97.5	98.1	98.3	98.7	98.8	98.8	98.8	98.8
400	FEET	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.0	99.4	99.6	99.6	99.6	99.6
300	FEET	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.2	99.5	99.8	99.8	99.8	99.8
200	FEET	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.2	99.5	99.8	99.8	99.8	99.8
100	FEET	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.2	99.5	99.8	99.8	99.8	99.8
0	FEET	64.0	89.0	91.8	93.7	95.6	96.4	97.1	97.7	97.8	98.8	99.2	99.5	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 826

USAF ETAC 0-14-5 IOL A- PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

ELEVATION FEET	VISIBILITY STATUTE MILES															
	210	24	27	24	21	18	15	12	9	6	3	2	1	0.5	0.25	0.1
NO FREQ	48.2	63.0	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
2 2000	53.3	70.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2 1800	53.4	70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
2 1600	53.4	70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
2 1400	54.5	72.3	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
2 1200	55.3	73.0	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
2 1000	56.5	74.7	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
2 900	56.5	74.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
2 800	56.9	75.7	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2 750	57.5	76.6	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2 650	58.3	77.6	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
2 550	59.4	79.0	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2 450	59.4	79.3	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
2 400	59.8	80.2	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2 350	59.8	80.2	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2 300	59.9	81.0	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
2 250	60.9	83.0	83.7	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
2 200	61.9	85.8	86.7	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
2 1800	62.6	86.7	87.6	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
2 1500	63.0	87.2	88.1	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2 1200	63.2	88.1	89.1	89.9	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2 1000	63.5	88.4	89.6	90.4	90.9	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2 900	63.5	88.6	90.1	91.1	92.0	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
2 800	63.5	88.8	90.4	91.6	92.8	92.8	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2 700	63.5	89.1	90.8	92.2	94.3	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2 600	63.5	89.6	91.6	93.0	95.4	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2 500	63.5	89.6	91.7	93.7	96.1	96.4	96.9	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2 400	63.5	89.6	91.8	94.2	96.6	96.9	97.9	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2 300	63.5	89.6	91.8	94.2	96.8	97.1	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 200	63.5	89.6	91.8	94.3	96.9	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 100	63.5	89.6	91.8	94.3	96.9	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 0	63.5	89.6	91.8	94.3	96.9	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 805

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

ELEVATION FEET		VISIBILITY STATUTE MILES															
		20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
1	1000	50.7	66.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0
2	2000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7
3	3000	54.4	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7
4	4000	55.3	73.2	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
5	5000	55.6	73.7	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
6	6000	56.7	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1
7	7000	56.7	75.4	76.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1
8	8000	56.9	76.8	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5
9	9000	57.6	77.8	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5
10	10000	57.8	78.1	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.9
11	11000	58.3	78.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5
12	12000	58.3	78.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5
13	13000	58.7	79.5	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
14	14000	59.2	80.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.1
15	15000	59.6	81.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7
16	16000	60.1	82.1	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9
17	17000	61.4	84.7	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
18	18000	61.6	85.3	86.3	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1
19	19000	61.7	86.0	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4
20	20000	61.8	87.1	88.6	89.4	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2
21	21000	61.9	87.8	89.2	90.1	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1
22	22000	61.9	87.9	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5
23	23000	61.9	88.4	90.2	91.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.7
24	24000	61.9	89.5	91.3	92.3	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6
25	25000	61.9	89.5	91.5	93.0	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
26	26000	61.9	89.5	92.0	93.8	95.9	96.0	96.4	96.4	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.3
27	27000	61.9	89.5	92.0	94.1	96.2	96.4	96.8	97.2	97.4	97.9	97.9	97.9	97.9	98.0	98.0	98.1
28	28000	61.9	89.5	92.0	94.2	96.5	97.0	97.4	97.8	98.0	98.8	98.8	98.8	98.8	98.9	98.9	99.0
29	29000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	99.1	99.5	99.5	99.5	99.6	99.6	99.8
30	30000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	99.1	99.5	99.5	99.5	99.6	99.6	99.9
31	31000	61.9	89.5	92.0	94.2	96.5	97.2	97.7	98.1	98.4	99.1	99.5	99.5	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

724586 SALINA MAP KS

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET		VISIBILITY STATUTE MILES															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
≥ 7000	≥ 7000	46.8	61.7	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
	≥ 6000	51.4	68.4	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 5000	≥ 5000	51.5	68.5	68.9	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	≥ 4000	52.3	69.6	70.1	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 3000	≥ 3000	52.9	70.3	70.7	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	≥ 2000	54.6	72.6	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1000	≥ 1000	54.6	72.8	73.3	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
	≥ 800	55.3	74.0	74.5	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 600	≥ 600	55.6	74.7	75.2	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
	≥ 500	56.1	75.5	76.0	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 450	≥ 450	57.1	76.8	77.4	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	≥ 400	57.3	77.0	77.6	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 350	≥ 350	57.7	77.7	78.2	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
	≥ 300	58.0	78.2	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 250	≥ 250	58.9	79.2	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
	≥ 200	59.0	80.2	81.0	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 180	≥ 180	60.0	82.5	83.3	83.9	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
	≥ 150	60.2	83.1	83.9	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 120	≥ 120	60.9	84.6	85.5	86.2	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	≥ 100	61.2	85.7	86.9	87.8	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 90	≥ 90	61.4	86.3	87.7	88.7	89.4	89.5	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
	≥ 80	61.4	86.6	88.1	89.3	90.0	90.2	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 70	≥ 70	61.4	86.8	88.6	90.0	90.9	91.2	91.5	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
	≥ 60	61.4	87.2	89.0	90.4	91.9	92.2	92.7	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 50	≥ 50	61.4	87.5	89.5	91.2	92.8	93.2	93.8	94.1	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5
	≥ 40	61.4	87.5	89.8	91.7	93.6	94.2	95.0	95.7	95.8	96.2	96.4	96.5	96.6	96.6	96.6	96.6
≥ 30	≥ 30	61.4	87.6	89.9	92.0	94.1	94.7	95.8	96.5	96.8	97.2	97.5	97.6	97.8	97.9	97.9	97.9
	≥ 20	61.4	87.6	89.9	92.0	94.3	95.0	96.1	96.9	97.2	97.9	98.3	98.4	98.8	98.8	98.8	98.9
≥ 10	≥ 10	61.4	87.6	89.9	92.1	94.4	95.0	96.3	97.1	97.5	98.2	98.8	98.9	99.4	99.4	99.5	99.6
	≥ 5	61.4	87.6	89.9	92.1	94.4	95.1	96.3	97.1	97.5	98.3	98.8	99.0	99.5	99.6	99.7	99.8
≥ 0	≥ 0	61.4	87.6	89.9	92.1	94.4	95.1	96.3	97.1	97.5	98.3	98.9	99.0	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6532

2

1

ALL

ALL

1

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

STATION

SYMBOL NAME

DATE

TIME

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING																
≥ 20000																
IV 18000																
IV 16000																
IV 14000																
IV 12000																
IV 10000																
IV 9000																
IV 8000																
IV 7000																
IV 6000																
IV 5000																
IV 4500																
IV 4000																
IV 3500																
IV 3000																
IV 2500																
IV 2000																
IV 1800																
IV 1500																
IV 1200																
IV 1000																
IV 900																
IV 800																
IV 700																
IV 600																
IV 500																
IV 400																
IV 300																
IV 200																
IV 100																
IV 0																

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,  
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

2

SALINA MAP KS

73-81

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724586 SALINA MAP KS

73-81

FEa

STATION

STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTH OF SKY COVER	TOTAL NUMBER OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	50.3			12.5						6.4	30.8	4.0	751
	03-05	51.2			7.9						8.1	32.8	4.2	756
	06-08	43.4			12.9						11.0	35.7	4.9	743
	09-11	29.6			15.9						15.0	39.5	5.8	747
	12-14	27.9			15.4						17.2	39.5	6.0	752
	15-17	28.4			19.7						15.1	36.8	5.6	747
	18-20	34.4			20.6						14.3	30.7	5.0	739
	21-23	46.8			16.1						6.7	30.4	4.1	744
TOTALS		38.6			15.1						11.7	34.5	5.0	5979



GLOBAL CLIMATOLOGY BRANCH  
OFFETAC  
AIR WEATHER SERVICE/MAC

## SKY COVER

774596  
STATION

SALINA MAP KS

**73-81**

MAR  
1952

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	43.6			10.4						7.5	38.5	4.8	816
	03-05	38.9			12.8						9.4	38.8	5.1	819
	06-08	31.0			13.3						15.1	40.5	5.8	819
	09-11	24.6			12.1						19.4	43.9	6.5	825
	12-14	22.4			18.8						18.4	40.4	6.3	825
	15-17	22.1			18.5						17.6	41.8	6.3	823
	18-20	29.8			19.4						13.6	37.2	5.5	811
	21-23	40.8			13.5						7.8	38.0	4.9	822
TOTALS		31.7			14.9						13.6	39.9	5.7	6560

2

1

APR

STATION

STATION NAME

PERIOD

— 42 —

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1

FORM 0-9-5 (OL A)  
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

MAY

05.000

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	41.8			13.0						9.9	35.3	4.8	778
	03-05	37.9			17.7						11.1	33.2	4.9	773
	06-08	22.3			21.2						21.5	35.0	6.1	806
	09-11	21.5			23.7						22.7	32.1	6.0	819
	12-14	18.7			22.7						30.1	28.5	6.2	814
	15-17	18.4			27.3						27.9	26.3	6.0	816
	18-20	25.9			28.6						20.1	25.5	5.2	812
	21-23	40.4			18.3						12.8	28.6	4.6	635
TOTALS		23.4			21.6						19.5	30.6	5.5	6423

2

JUN

73-81

STATION

STAT ON NAME

— — —

100

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

7-4536

SALINA MAP KS

73-81

JUL

STALON

STATION NAME

856 DC

100

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	0-02	55.1			17.6						10.6	16.7	3.1	720
	03-05	48.0			19.9						14.5	17.6	3.7	754
	06-08	32.7			30.0						20.0	17.4	4.4	811
	09-11	33.8			28.7						23.6	13.9	4.4	811
	12-14	26.6			36.0						26.3	11.1	4.6	820
	15-17	24.6			38.6						27.0	9.9	4.6	822
	18-20	35.6			30.7						22.8	10.9	4.1	810
	21-23	46.2			26.5						14.2	13.2	3.4	790
TOTALS		37.8			28.5						19.9	13.8	4.0	6338

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73-81

AUG

STATION

STATION NAME

866 22

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1

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

SEP

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	56.7			15.5						7.0	21.5	3.2	782
	03-05	58.7			11.9						6.7	22.6	3.2	787
	06-08	39.5			19.1						16.0	25.4	4.6	782
	09-11	37.4			19.9						17.2	25.5	4.7	787
	12-14	32.8			22.9						21.1	23.3	4.9	787
	15-17	29.1			29.2						22.1	19.7	4.8	788
	18-20	39.5			26.7						15.9	17.9	4.0	787
	21-23	52.5			19.1						10.3	18.0	3.3	794
TOTALS		43.2			20.5						14.5	21.7	4.1	6294

## SKY COVER

OCT

STATION

STATION NAME

PERIOD

42



## SKY COVER

NOV

PER 00

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	0-02	50.3			9.7						9.2	30.9	4.2	797
	03-05	57.8			8.9						8.8	31.5	4.2	797
	06-08	43.7			12.6						10.8	32.9	4.6	787
	09-11	34.6			14.9						16.2	34.3	5.3	794
	12-14	29.0			18.9						19.5	32.6	5.6	783
	15-17	28.5			19.4						19.3	32.9	5.6	779
	18-20	38.5			17.4						12.7	31.4	4.8	787
	21-23	44.0			14.5						9.2	32.3	4.5	793
TOTALS		39.9			14.5						13.2	32.4	4.9	6317

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

## SKY COVER

724566  
STATION

SALINA MAP KS  
STATION NAME

73-81  
PERIOD

ALL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	38.5			14.3						12.7	34.5	5.0	6558
FEB		38.6			15.1						11.7	34.5	5.0	5979
MAR		31.7			14.9						13.6	39.9	5.7	6560
APR		33.8			17.6						16.6	32.0	5.2	6302
MAY		28.4			21.6						19.5	30.6	5.5	6423
JUN		36.6			25.5						20.6	17.4	4.4	6145
JUL		37.8			28.5						19.9	13.8	4.0	6338
AUG		37.7			27.2						18.5	16.6	4.1	6445
SEP		43.2			20.5						14.5	21.7	4.1	6294
OCT		50.0			15.6						12.6	21.7	3.8	6536
NOV		39.9			14.5						13.2	32.4	4.9	6317
DEC		40.9			16.7						13.0	29.3	4.6	6539
TOTALS		38.1			19.3						15.5	27.0	4.7	76436

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC  
724586 DALINA MAP KS  
STATION

STATION NAME

42-49, 52-81 YEARS

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						2	5	2	1				1
105						1.4	4.7	4.1	.6				.9
100						3	7.0	18.1	16.2	3.7			3.7
95					1.3	20.5	41.3	38.2	11.4	.6			9.3
90			.1	.7	7.0	39.5	64.7	60.0	26.8	2.8			16.5
85			.6	5.2	20.0	64.0	84.8	80.5	40.8	10.5	.2		25.2
80		.6	3.0	13.0	38.0	82.1	94.7	91.5	60.7	23.4	.5		33.5
75		1.3	7.5	26.8	56.3	91.1	98.4	96.5	76.8	40.2	3.0		41.1
70	.3	3.7	15.5	43.2	73.6	95.7	99.5	99.0	88.4	57.8	10.1	.4	48.6
65	1.7	9.5	26.0	59.9	85.6	98.5	100.0	99.9	94.3	70.6	21.2	2.6	55.5
60	5.4	16.6	37.3	73.5	93.3	99.6		100.0	97.9	82.7	35.1	8.6	62.3
55	12.5	26.8	49.9	84.9	97.8	100.0			99.2	91.4	50.1	18.3	69.1
50	23.2	37.8	60.8	92.9	99.5				99.9	96.9	64.5	30.9	75.4
45	35.1	47.9	70.9	96.9	100.0				100.0	98.9	78.7	44.1	81.0
40	48.7	60.6	81.6	99.3						99.8	88.1	59.1	86.4
35	63.6	73.0	89.9	99.7						99.9	94.3	74.4	91.2
30	73.4	83.9	95.7	99.9							97.5	85.0	94.6
25	82.3	91.8	98.3	100.0							99.4	92.9	97.0
20	88.7	96.5	99.1								99.8	96.6	98.4
15	94.1	99.3	99.7								100.0	98.3	99.3
10	98.3	99.8	100.0									100.0	99.8
5	99.6	100.0											100.0
0	100.0												100.0
MEAN	38.3	44.4	53.8	66.8	75.6	86.8	92.3	91.2	81.9	70.7	54.1	42.5	66.5
S.D.	13.913	14.356	14.657	11.246	9.938	8.939	7.625	8.266	10.517	11.215	11.922	12.237	21.903
TOTAL OBS.	1196	1043	1144	1110	1146	1078	1102	1080	1110	1146	1119	1147	13371

4506 SALINA MAP KS

YEARS

FINIS

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
10							.1						.1
15							.2						.2
20							.4	2.7	1.8				.4
25					.1	7.5	19.8	15.2	2.2	.1			1.7
30					1.8	22.5	52.1	43.1	12.1	.5			10.6
35				.9	9.2	49.7	81.9	69.6	25.3	3.2			19.6
40			.3	4.3	26.3	75.8	94.8	89.5	45.4	9.5	.3		28.4
45			1.6	12.7	46.8	91.0	98.5	98.3	65.9	20.2	1.3		35.9
50	.2	.2	4.6	27.4	68.1	98.2	99.9	99.5	81.7	35.8	4.5	.3	43.0
55	.3	.5	10.7	46.1	84.2	99.8	100.0	100.0	94.5	57.1	10.5	1.0	50.1
60	1.0	3.1	22.3	66.8	94.7	100.0			98.8	75.1	22.3	2.7	57.1
65	3.7	11.7	37.2	83.4	99.0				99.9	90.1	40.1	7.2	64.2
70	6.7	17.8	45.4	87.7	99.4				100.0	93.2	49.7	12.4	67.6
75	15.6	28.5	58.0	94.2	99.9					97.1	66.7	24.0	73.6
80	35.5	47.7	76.5	98.8	100.0					99.4	84.5	49.7	82.6
85	51.8	65.8	87.3	99.5						100.0	93.7	68.4	88.8
90	64.6	80.4	93.9	99.9							96.8	81.6	93.1
95	76.1	89.0	97.1	100.0							98.5	90.9	95.9
100	86.1	94.3	98.1								99.1	96.3	97.6
105	92.8	96.7	99.4								99.6	98.0	98.9
110	96.5	98.8	99.8								100.0	99.6	99.6
115	99.1	99.6	99.9									100.0	99.9
120	99.8	99.8	100.0										100.0
125	100.0	100.0											100.0
130													
135													
140													
145													
150													
155													
160													
165													
170													
175													
180													
185													
190													
195													
200													
MEAN	13.1	22.8	31.3	43.6	53.5	64.1	69.4	67.8	58.3	46.5	32.8	22.9	44.3
S D	11.56	10.55	10.93	9.17	8.32	6.91	5.77	6.34	8.82	9.39	9.45	9.51	19.84
TOTAL OBS.	1146	1043	1144	1110	1146	1078	102	1080	1110	1146	1119	1147	1337

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC  
 724536 SALINA MAP KS  
 STATION STATION NAME

# DAILY TEMPERATURES

42-49, 52-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
25						2	6	6	1				1
20						2.3	8.1	6.6	5				1.4
15					1	12.2	30.7	25.6	5.9	1			6.1
10					2.8	30.5	60.2	51.9	16.4	6			13.3
5				1.2	11.9	57.6	84.8	77.4	32.2	3.9			22.0
0			.8	6.3	31.6	80.9	96.6	92.8	53.6	13.8	1		30.9
-5		.1	2.8	16.8	51.7	92.7	99.4	98.8	73.5	28.6	1.2		38.4
-10	.1	.4	7.5	44.8	72.2	98.0	100.0	99.8	88.6	46.6	5.0		45.7
-15	.3	2.9	18.0	54.6	88.4	99.8		100.0	96.3	66.6	13.2	.5	53.1
-20	1.2	7.6	29.7	73.0	96.4	100.0			99.0	83.1	27.2	3.3	59.9
-25	6.4	16.7	44.0	87.0	99.4				99.9	93.5	46.5	11.2	67.1
-30	18.7	33.3	61.4	95.5	100.0				100.0	98.2	67.1	26.9	75.0
-35	35.5	49.8	75.9	99.0						99.1	84.2	46.9	82.5
-40	52.9	66.5	86.8	99.8						99.9	93.7	67.6	88.9
-45	64.7	78.0	93.7	99.9						100.0	96.3	80.0	92.7
-50	76.4	87.8	96.8	100.0							98.7	89.7	95.6
-55	83.7	94.0	98.7								99.4	94.7	97.5
-60	91.4	97.4	99.2								99.8	97.9	98.8
-65	96.6	99.3	99.7								100.0	99.7	99.6
-70	98.8	99.8	100.0									100.0	99.9
-75	100.0	100.0											100.0
-80													
-85													
-90													
-95													
-100													
MEAN	28.4	33.8	42.7	55.4	64.7	75.7	81.0	79.7	70.3	58.2	43.6	32.9	55.6
S.D.	12.068	11.568	11.914	9.272	8.323	7.364	6.151	6.687	8.799	9.296	9.739	10.040	20.473
TOTAL OBS.	1146	1043	1143	1110	1146	1078	1102	1080	1110	1146	1119	1147	13372



REAR CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

124586 SALINA MAP KS

42-49, 52-61

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										*	77	67	
43	62	72	84	91	91	100	104	107	94	85	73	67	107
44	67	71	67	77	97	105	103	106	93	82	77	49	105
45	58	65	84	82	89	96	102		103	88	73	62	
46	63	74	90	85	93	106	111	112	93	94	67	72	112
47	66	66	81	85	87*	99*	101*	108	112	100	61	63	112
48	59*	66	74	89	93	97	96	103	100	84	69	65	103
49	53	61	75	85*	89	99	107	100	91	94*	79		
50	65	69	81	87	93	102	107	105	99	91*	80	69	107
51	65	74	84	92	100	110	107	105	106	93	77	63	112
52	65	82	74	89	93	105	112	106	105	96	78	60	112
53	61	54	77	93	94	98	105	104	100	86	74	70	105
54	73	70	83	90	100	111	107	111	106	95	76	67	111
55	57	66	77	77	83	98	105	105	96	86	76	65	105
56	59	69	58	77	90	99	97	103	96	91	76	64	103
57	59	65	78	89	91	100	97	103	103	72	77	65	103
58	61	58	77	85	88	105	105	105	95	86	73	62	105
59	65	65	79	93	91	103	106	102	103	85	69	60	106
60	61	75	77	86	94	92	100	104	91	97	71	70	104
61	67	71	84	85	97	100	103	103	91	96	75	64	103
62	66	61	75	87	98	100	107	107	97	85	77	62	107
63	69	63	67	88	88	93	102	104	96	93	78	70	104
64	53	60	85	93	94	99	107	100	94	88	73	65	107
65	64	77	89	86	99	93	100	97	87	89	74	62	103
66	67	66	93	84	93	103	102	103	93	92	68	63	107
67	55	58*	73	73	88	99	107	106	96	89	73	59	107
68	62	75	78	86	92	100	107	106	100	86	71	69	108
69	66	63	83	84	87	102	99	97	99	89	70	61	102
70	63	83	86	89	88	96	107	100	97	89	67	66	107
71	61	62	71	81	91	106	104	104	92	85	73	66	106
MEAN													
S.D.													
TOTAL OBS.													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

\* (AT LEAST ONE DAY LESS THAN 24 OBS)

## EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7.4526 SALINA MAP KS

42-49, 52-81

STATION STATION NAME

**YEARS**

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)  
JUL 84

# (AT LEAST ONE DAY LESS THAN 24 HRS)

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82  
UNCLASSIFIED USAFETAC/DS-82/066 SBI-AD-ESBO 213 P/G 4/2

SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82  
USAFETAC/DS-82/058 SBI-AD-ESB0 213 F/G 4/2

4/6

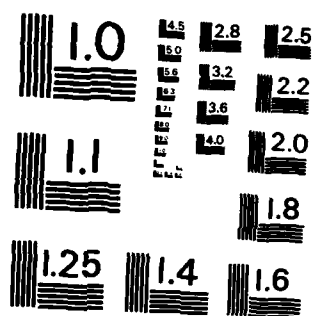
UNCLASSIFIED

USAFETAC/DS-82/055 SSI-AD-ESP0 213

SEP 82  
P/O 4/2

NL

A 10x10 grid of squares. The top-left square (row 1, column 1) is missing, leaving a 9x10 grid of squares. The grid is composed of 90 squares in total.



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

U.S. AIR FORCE CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION 704546 SALINA MAP KS  
STATION NAME

42-49, 52-81  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
42													
43	-11	13	2	31	43	54	61	52	45	31	25	-7	-11
44	1	2	18	27	32	51	57	56	45	36	12	11	1
45	9	15	13	26	38	48	60	40	32	20	-5		
46	9	18	22	32	32	48	60	50	39	34	24	-3	-3
47	* -21	1	5	30	36*	48*	58*	63	45	42	15	5	* -20
48	-12*	0	-11	28	44	56	59	57	47	30	19	11	-12
49	0	8	10	30*	46	59	61	57	38	26*	28		
52	-1	15	1	24	34	51	50	57	41	27*	-2	6	* -2
53	1	10	15	26	32	56	59	59	46	33	23	8	1
54	-4	18	12	26	32	45	67	61	49	30	19	13	-4
55	10	1	3	33	49	50	65	57	49	32	7	5	1
56	-5	-6	11	25	42	47	60	47	42	34	15	12	-6
57	-1	12	20	25	44	50	56	60	45	22	20	9	-1
58	7	4	11	31	38	47	58	53	36	31	2	5	2
59	-15	2	20	19	42	49	53	59	42	27	4	17	-15
60	1	-5	-6	29	36	51	53	58	46	29	16	8	-5
61	-1	8	26	24	31	55	57	49	40	31	20	-9	-9
62	-14	4	9	19	41	57	61	55	43	27	22	-7	-14
63	-12	9	19	30	35	56	64	55	42	35	20	-9	-12
64	-7	9	11	20	39	42	58	46	40	27	8	-1	-7
65	7	-4	10	30	40	52	56	54	35	29	13	12	-4
66	-6	-6	14	21	32	52	66	56	41	24	12	-2	-6
67	-2	8	-1	26	33	52	51	46	35	32	22	-1	-2
68	-9	6	10	23	37	44	54	56	44	34	18	-7	-9
69	-6	5*	7	32	42	47	59	57	47	28	17	10	-6
70	-4	7	14	24	36	50	50	56	41	31	13	11	-4
71	-8	-18	0	25	36	57	54	59	42	32	21	17	-18
72	-4	-1	12	19	43	51	49	58	37	24	25	-5	-5
73	-10	8	26	25	35	49	59	59	36	27	25	0	-10
MEAN													
S. D.													
TOTAL OBS.													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)  
JUL 64

# (AT LEAST ONE DAY LESS THAN 24 OBS)

## EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

714566	SALINA MAP KS
STATION	STATION NAME

42-49, 52-81

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

\* (AT LEAST ONE DAY LESS THAN 24 OBS)

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTN

PAGE 1 0000-0200  
HOURS 11:30-1:00

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
/ 51			.1	.1														2	2															
/ 49			.1	.2														4	4															
/ 47	.1	.4				.1												5	5		3													
/ 45		.1	.1	.1	.1													4	4	5	3													
/ 43	.2	.2																4	4	4														
/ 41		1.0			.4	.1												12	12	8	5													
/ 39	.5	1.1	1.1	.7	.1													29	29	10	7													
/ 37	.2	1.7	1.5	.5	.1													33	33	15	9													
/ 35	.2	2.2	1.2															30	30	28	5													
/ 33	.9	4.2	1.6		.1													55	56	51	19													
/ 31	2.0	6.6	1.2															80	80	75	62													
/ 29	1.6	4.7	1.1															60	67	74	53													
/ 27	1.6	4.5	.4															53	53	57	57													
/ 25	.9	4.7	.5	.1														50	50	59	69													
/ 23	.5	3.2	.5															34	34	45	46													
/ 21	1.3	1.7	.6															27	27	31	42													
/ 19	1.6	3.1	.1															39	39	37	58													
/ 17	.7	2.9	.5															34	34	34	34													
/ 15		3.3	.2															29	29	22	22													
/ 13	.7	3.9	.1															39	39	34	21													
/ 11	1.1	1.8																24	24	41	33													
/ 9	.9	4.9	.1															48	48	33	24													
/ 7	.7	2.2																24	24	42	31													
/ 5	.2	1.5																14	14	16	17													
/ 3	.2	1.8																17	17	11	26													
/ 1	.9	1.1																16	17	25	44													
/ -1	1.5	.4																15	15	15	18													
/ -3	1.4	.6																16	16	16	19													
/ -5	.7	.1																7	7	9	23													
/ -7	.4	.1																4	4	5	13													
/ -9	.4																	3	3	3	17													
/ -11	.2																	2	2	2	10													
/ -13	.1																	1	1	1	11													
/ -15																					5													
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.						$\pm 0$ F	$\pm 32$ F	$\pm 67$ F	$\pm 73$ F	$\pm 80$ F	$\pm 93$ F	Total																						
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

## PSYCHROMETRIC SUMMARY

774536  
STATION

SALINA MAP KS

73-81

JAN  
MONTH

PAGE 2

7500-0200

HOURS: L, S, T,

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
1/-17																					4	
1/-17																					5	
1/-17																					1	
2/-23																					1	
TOTAL	21.56	4.51	1.3	2.0	.7														814	816	814	
																			814			



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

734536 SALINA MAP KS

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B. Dry Bulb	Wet Bulb	Dew Point															
4 / 47		.6																5	5																
4 / 45		.4																3	3	6															
4 / 43		.2																5	5	2															
4 / 41	.2	1.0	.1	.6														16	16	7															
4 / 39	.1	.4		.1														5	5	7															
3 / 37	.2	1.1	.9	.2	.2													22	25	12															
3 / 35	.4	1.8	1.5	.2														32	32	15															
3 / 33	1.1	4.4	1.7	.1														60	60	40															
3 / 31	1.2	6.0	1.9	.1														76	76	70															
3 / 29	3.0	5.8	.5															77	77	90															
2 / 27	1.3	3.6	.2															43	43	69															
2 / 25	1.5	4.9	.4															55	55	50															
2 / 23	.2	3.2	.2															30	30	38															
2 / 21	1.2	1.6	.5															27	27	38															
2 / 19	2.1	4.1	.2															53	54	42															
1 / 17	1.3	3.3																33	33	36															
1 / 15	.4	3.5	.1															33	33	28															
1 / 13	.5	3.5	.1															34	34	30															
1 / 11	1.6	1.6																26	26	42															
1 / 9	.9	4.3	.1															43	43	31															
1 / 7	.6	4.5																40	40	42															
1 / 5	.2	1.7																16	16	33															
0 / 3	.5	1.8																19	19	16															
0 / 1	.4	1.7																17	17	20															
0 / -1	1.1	.6																13	13	13															
0 / -3	.6	.6																10	10	13															
0 / -5	1.0	.5																12	12	13															
0 / -7	1.1																	9	9	10															
0 / -9	.4																	3	3	3															
-1 / -11	.2																	2	2	2															
-1 / -13	.1																	1	1	1															
-1 / -15	.2																	2	2	2															
-1 / -17																																			
-1 / -19																																			
Element (X)	Σ X'			Σ X			Σ			P <sub>a</sub>			No. Obs.			Mean No. of Hours with Temperature											Total								
Rel. Hum.																= 0 F   = 32 F   = 67 F   = 73 F   = 80 F   = 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC

## PSYCHROMETRIC SUMMARY

**JAN**  
MONTH

0300-0500  
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

**JAN**  
**MONTH**

7600-2800  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**JAN**  
**MONTH**

1600-1800  
HOURS U. S. T.

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT: WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS 73-81 JAN  
STATION STATION NAME YEARS MONTH  
PAGE 1 0900-1100  
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb		Wet Bulb		Dew Point														
5 / 55							.1											1		1																
4 / 51			.1		.1		.4											5		5																
5 / 49		.1		.1			.1											3		3																
4 / 47		.1			.1	.1												3		3		2														
4 / 45		.2	.7	.4	.7													17		17		3	2													
4 / 43		.5	.7	.7	.1													17		17		5	1													
4 / 41		.7	1.1	.7	.1	.5												26		26		13	4													
4 / 39	.5	.9	1.8	.9	.4													36		36		23	13													
3 / 37	.1	2.5	1.7	1.7														49		49		34	11													
3 / 35	.5	1.2	2.8	.5	.1													42		42		47	17													
3 / 33	1.0	3.9	2.6	.4														64		64		43	29													
3 / 31	1.5	3.7	2.9	.2														68		68		92	55													
3 / 29	1.5	2.7	1.8	.1														50		50		71	56													
2 / 27	1.1	4.2	1.6															55		55		50	60													
2 / 25		3.4	.5															32		32		50	54													
2 / 23	.6	.9	.5															16		16		42	38													
2 / 21	.5	2.5	.7															30		30		17	52													
2 / 19	.6	3.1	.6	.1														36		37		28	49													
2 / 17	.4	2.3	.7															28		28		30	36													
1 / 15	.5	2.5	.9															31		31		30	21													
1 / 13	.2	3.3	.5															33		33		31	28													
1 / 11	.7	1.8	.5															25		25		36	22													
1 / 9	.1	4.3	.2															36		36		28	22													
1 / 7	.2	3.6																31		31		39	24													
1 / 5	.2	1.3	.1															14		14		26	14													
4 / 3	.6	1.7																19		19		19	29													
1 / 1	.4	1.7																17		17		16	37													
1 / -1	1.3	.1																9		9		17	35													
1 / -3	.5	.4																7		7		6	16													
1 / -5	.5	.5																8		8		7	24													
1 / -7	.5																	4		4		7	19													
1 / -9	.2																	2		2		2	15													
1 / -11	.1																	1		1		1	4													
1 / -13																							13													
Element (X)	Σ X'		Σ X		X		°X		No. Obs.		Mean No. of Hours with Temperature										Total															
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F															
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

<u>774586</u>	<u>JALINA MAP KS</u>
STATION	STATION NAME

73-81

YEARS

JAN  
MONTH

PAGE 2 0900-1100  
HOURS (10:55-11:00)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
1/-15																						1
1/-17																						4
1/-19																						6
1/-21																						2
2/-23																						2
TOTAL	14.1	53.7	23.3	5.9	1.7	.7	.5												815	916		815

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

774536 SALINA MAP KS

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
71 / 71												.1						1	1																
69 / 69											.1	.1						2	2																
67 / 67										.1								1	1																
65 / 65				.1			.1	.1	.1									4	4																
63 / 63				.1	.1	.2	.2	.2										7	7																
61 / 61				.1	.1	.2	.4	.1										8	8																
59 / 59				.2	.2	.2	.4	.4										12	12	1															
57 / 57			.1	.1	.5	.2	.7	.1										15	15																
55 / 55				.9	.6	.4	.6	.1										21	21	2															
53 / 53			.7	.5	.7	1.2												26	26	7	1														
51 / 47		.5	.9	1.7	.9	1.4												43	43	12	1														
49 / 45		.1	1.2	1.5	1.4	.5	.2											38	38	37	2														
47 / 43		.1	1.1	1.3	1.9	.5												37	37	25	7														
45 / 41	.4		2.2	2.7	1.1	.2												52	52	43	16														
43 / 39		.6	1.1	1.6	.6													32	32	45	18														
41 / 37		1.7	1.1	1.9	.4													35	35	53	15														
39 / 35		1.5	2.1	.7														35	35	55	35														
37 / 33	.4	2.6	1.1	.7														39	39	59	38														
35 / 31	.5	3.1	2.3	.6														53	53	61	52														
33 / 29	1.7	1.4	1.7															33	33	50	57														
31 / 27	.1	1.1	1.6	.2														25	25	29	74														
29 / 25		1.9	1.2	.1														26	26	34	56														
27 / 23	.2	.7	1.4	.5														23	23	27	40														
25 / 21	.2	1.5	1.1															23	23	26	40														
23 / 19		2.8	1.6															36	36	23	40														
21 / 17	.2	2.6	1.0															31	31	34	30														
19 / 15		2.2	1.0	.1														27	27	35	26														
17 / 13	.1	2.5	.2															23	23	22	28														
15 / 11	.3	2.7	.7															29	29	37	20														
13 / 9	.1	3.6	.5															34	34	33	28														
11 / 7		1.6	.1															14	14	22	26														
9 / 5		1.6																13	13	17	16														
7 / 3	.1	.7																7	7	10	25														
5 / 1		.4																3	3	7	35														
Element (X)	$\Sigma X$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel. Hum.																= 0 F = 32 F = 67 F = 73 F = 80 F = 93 F						Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73-81

YEARS

2007

PAGE 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ -1		.1																1	1	2	2														
- / -3		.1																1	1	2	2														
- / -5																																			
- / -7																																			
- / -9																																			
- / -11																																			
-1 / -13																																			
-1 / -15																																			
-1 / -17																																			
-1 / -19																																			
-2 / -21																																			
-2 / -23																																			
-2 / -25																																			
-2 / -27																																			
TOTAL	4.336	325.815	48.4	8.4	5.1	2.7	1.1	.4	.1	.2	.1							810	810	61	810														

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3456769	51203	63.216	492	810	$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Dry Bulb	988532	25748	31.814	499	810	.2	46.2	.3				93
Wet Bulb	748976	22516	27.812	335	810	.5	54.1					93
Dew Point	467737	16004	19.813	686	810	9.6	77.7					93



## PSYCHROMETRIC SUMMARY

724586      SALINA MAP KS  
STATION      STATION NAME

73-61

YEARS

— JAN  
MONTH

PAGE 1

1500-1700  
HOURS (S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 70												.2						2	2																
4 / 71												.1						1	1																
4 / 66											.2							2	2																
4 / 67											.1							1	1																
4 / 68								.1	.1									2	2																
4 / 63							.2	.1		.2								5	5																
4 / 61						.1	.2	.2	.4	.2								10	10																
4 / 59						.2	.2	.4										7	7																
4 / 57			.7		.1	.6	.4	.5	.2									17	17																
4 / 55			.1	.2	.5	.2	.7	.2	.1									18	18																
4 / 53			.1	.4	.4	.7	.9	.1										21	21	2															
4 / 51			.4	.4	.6	1.1	.2											27	27	7	1														
4 / 49			.7	1.1	1.7	1.1	.5											36	36	14	2														
4 / 47		.2	1.1	.5	.7	1.1												32	32	26															
4 / 45			.5	1.5	1.7	.4	.1											28	28	32	3														
4 / 43		.5	1.5	1.5	2.1	1.2												55	55	42	9														
4 / 41		.4	.7	1.9	.5	.2												31	31	37	18														
4 / 39		.2	1.3	1.9	.6													34	34	51	23														
3 / 37		1.5	1.8	1.5														39	39	42	18														
3 / 35		1.2	2.1	.7														21	31	64	26														
3 / 33	.2	2.7	1.5	.5	.1													41	41	60	36														
3 / 31	1.5	1.7	2.7	.5														52	52	62	72														
3 / 29	.6	1.2	1.7	.2														31	31	34	63														
3 / 27	.2	1.8	1.3	1.0														36	36	36	60														
3 / 25	.4	2.2	.6	.5														30	30	41	53														
3 / 23		.9	.4															10	10	27	38														
2 / 21	.5	.9	.7															17	17	25	51														
2 / 19	.2	3.6	1.7	.1														47	47	16	55														
2 / 17	.1	1.8	1.1	.2														27	27	40	36														
1 / 15		2.7	.7															28	28	23	24														
1 / 13	.1	2.7	.5															27	27	29	19														
1 / 11	.5	3.0	.2															31	31	39	20														
1 / 9	.1	2.4	.1															22	22	30	28														
1 / 7		1.7	.5															12	12	17	23														
Element (X)	Σx'		Σx		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.													± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total										
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

**YEARS**

**JAN**  
**MONTH**

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
+ / 5		.7																6	6	13	22				
+ / 3		1.0																8	8	8	36				
+ / 1		.1																1	1	5	24				
+ / -1																				1	16				
- / -3																					9				
- / -5																					10				
- / -7																					5				
- / -9																					8				
- / -11																					2				
-1 / -13																					6				
-14 / -15																					3				
-1 / -17																					1				
-1 / -19																					3				
-10 / -21																									
TOTAL	4.5	34.1	24.3	14.6	7.5	7.0	4.1	1.7	.9	.5	.4	.4						823	823	823	823				

Element (X)	Σ X'	Σ X	Σ	Σ <sub>A</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3436484	51160	62.2	17.656	823	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 86 F	≤ 93 F	
Dry Bulb	1111552	27628	33.6	14.965	823		43.5	.7	.2			93
Wet Bulb	622627	23973	29.1	12.298	823	.1	50.4					93
int	499261	17119	20.8	13.198	823	7.2	77.6					93

## PSYCHROMETRIC SUMMARY

73-81

JAN  
MONT

PAGE 1 1800-2000  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point															
99									.1									1	1																
98							.1		.1									3	3																
97			.2		.1	.1	.1											5	5																
96		.1		.1			.1											3	3																
95			.1	.2	.1	.4	.1											8	8	3															
94		.1	.2	.4		.2												8	8	1															
93		.4	.7	.5	.6	.4												21	21	6															
92		.5	.7	1.1	.5	.1												24	24	11															
91	.4	.7	.6	.8	.4	.2												26	26	19															
90		.5	1.8	1.2	.5													33	33	22															
89	.2	1.2	2.1	1.5	.6	.1												47	47	35															
88		2.2	1.9	1.1														43	43	42															
87		3.2	2.5	.8														54	55	45															
86	.8	4.1	2.2	.2														61	61	76															
85	1.9	4.4	2.1	.1														70	70	86															
84	1.1	2.5	1.7															44	44	62															
83	.4	3.2	.5	.1														34	34	36															
82	.6	2.1	1.1															31	31	45															
81	.7	1.7	.4															23	23	34															
80	.2	3.3	.8															36	36	26															
79	.2	2.8	.4															28	28	27															
78	.1	2.8	.1															25	25	31															
77	.4	2.2																21	21	31															
76	.2	3.8	.4															36	36	17															
75	.1	2.1	.2															20	20	29															
74	.1	3.4																29	29	36															
73	.1	4.0																34	34	30															
72	.2	1.2																12	12	26															
71	.2	1.8																17	17	15															
70	.2	1.2																12	12	16															
69	.7	.1																7	7	8															
68	.1	.1																2	2	3															
67	.2	.4																5	5	3															
66	.1																	1	1	3															
Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					$\leq 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																		
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

73-81

JAN  
MONTH

PAGE 2 1600-2700  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
- / -9																																					9		
- / -11																																					7		
-1 / -13																																					6		
-1 / -15																																					7		
-1 / -17																																					3		
- / -19																																					1		
- / -23																																					1		
TOTAL	9.755	9.27	9.0	8.3	2.8	1.7	.4	.1	.2																									825		824			
																																		824		824			

USAFETYAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**JAN**  
**MONTH**

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 2 2100-2300  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
-1/-13																							6												
-1/-15																							6												
-1/-17																							7												
-1/-19																							5												
-2/-23																							3												
TOTAL	11.4	63.6	14.2	4.4	.7	.5	.1													817			815												

USAFETAC  
FORM  
NA 44  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

     JAN       
MONTH

ALL  
HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS 73-81 JAN  
STATION STATION NAME YEARS MONTH

PAGE 2 ALL  
HOURS 11.5.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 5	.2	1.3	.0															99	99	184	145														
/ 3	.4	1.7																136	136	119	210														
/ 1	.3	1.4																109	110	131	310														
/ -1	.7	.2																61	61	86	208														
- / -3	.4	.3																50	50	53	133														
- / -5	.5	.3																48	48	50	131														
- / -7	.5	.1																36	36	45	94														
- / -9	.3																	20	20	21	97														
- / -11	.2																	12	12	12	56														
- / -13	.1																	6	6	6	67														
- / -15	.																	3	3	3	38														
- / -17	.																	1	1	1	34														
- / -19																					38														
- / -21																					17														
- / -23																					9														
- / -25																					3														
- / -27																					1														
- / -29																					2														
TOTAL	15.55	116.8	6.7	2.8	1.9	1.0	.4	.2	.1	.1	.1							6543	6556	6543	6543														

Element (X)	$\Sigma X$	$\Sigma X^2$	$\Sigma X^3$	$\Sigma X^4$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	36030541	474599	72.5	15.665	6543	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	5626852	168628	25.7	14.026	6556	26.9	502.8	1.0	.2			744
Wet Bulb	4627615	153189	23.4	12.615	6543	31.5	561.5					744
Dew Point	3304868	114512	17.5	14.101	6543	105.5	665.3					744

USAFETAC FORM 0-26-5 (OL A) JAN 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## PSYCHROMETRIC SUMMARY

FE 9  
MONTH

2000-2200  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
- / -3	.1	.1																2	2	1	1				
- / -5	1.1	.1																9	9	9	5				
- / -7	.1																	1	1	2	3				
- / -9																					10				
- / -11																					4				
- / -13																					2				
- / -15	.4																	3	3	3	1				
- / -17																					3				
- / -19																					5				
TOTAL	20.65	2.51	6.1	7.0	2.4	.7	.4	.1		.1								756	756	756	756				
												</													

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

74536 SALINA MAP KS 73-81 YEARS FEB MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 59									.1	.3								3	3																
6 / 59			.3															2	2																
5 / 57		.1																1	1																
5 / 55							.1											1	1	3															
4 / 53																				3	3														
4 / 51				.4		.3												5	5																
3 / 49		.5	.1	.1														6	6	1															
3 / 47			.7	.4		.1												9	9	4	1														
4 / 45		.3	.5	.4	.1													10	10	6	3														
4 / 43		.3	.3	1.3	.3	.3												18	18	7	1														
42 / 41		.8	.7	.7	.4	.1												20	20	11	7														
4 / 39	.1	1.3	1.3	.9														28	28	14	12														
3 / 37	.7	.7	1.9	.7														29	29	32	15														
2 / 35	1.1	3.1	2.5	.3														52	52	42	18														
3 / 33	2.3	3.7	1.5	.1														57	57	65	36														
22 / 31	2.6	6.6	1.2	.1														80	81	74	59														
2 / 29	2.7	4.5	.4															52	52	73	58														
2 / 27	1.1	3.8	1.6															49	49	46	60														
2 / 25	.9	4.9	.1															45	45	57	69														
2 / 23	.8	3.6	.1															34	34	46	39														
22 / 21	1.9	4.6																49	49	46	45														
2 / 19	1.3	3.7																42	42	42	49														
1 / 17	.9	2.4	.3															27	27	33	50														
1 / 15	.5	2.6	.1															25	25	26	42														
1 / 13	1.3	1.3																20	20	26	23														
1 / 11	.1	.8																7	7	10	28														
1 / 9	.1	1.5																12	12	10	30														
1 / 7	.3	.9																9	9	12	8														
1 / 5	.1	.4																4	4	7	7														
1 / 3	.7	.1																6	6	6	6														
1 / 1	.8	.9																13	13	10	14														
1 / -1	1.3	.3																12	12	14	16														
-2 / -3	.9	.3																9	9	9	6														
-4 / -5	1.2	.3																11	11	10	15														
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	° <sub>1</sub>	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS  
STATION STATION NAME

73-81  
YEARS

YEARS

FEB  
MONTH

PAGE 2 0300-0500  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
- / -7	.4																	3	3		5	5													
- / -9	.3																	2	2		2	7													
- / -11																						8													
-1 / -13																						2													
-1 / -15	.1																	1	1		1	4													
-1 / -17	.3																	2	2		2	1													
-1 / -19																						3													
-1 / -21																						5													
TOTAL	24.6	54.3	13.5	5.4	.8	.8	.1		.1	.3											756	755													
																		755			755	755													

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4838951	59659	7.0	12.865	755	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Dry Bulb	649237	19965	26.4	12.711	756	4.4	57.2	.3				64
Wet Bulb	563721	18645	24.7	11.703	755	4.8	63.1					84
Dew Point	436995	15433	20.4	12.696	755	8.0	73.3					84



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

774536 SALINA MAP KS

73-81

FEB  
MONTH

PAGE 7 2600-0800  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
- / -5	1.7																	14	14	15	17														
- / -7	.5																	4	4	4	11														
- / -9	.3																	2	2	2	17														
- / -11	.4																	3	3	3	6														
- / -13																					3														
- / -15																					2														
- / -17	.1																	1	1	1	4														
- / -19	.1																	1	1	1	1														
- / -21																					1														
- / -23																					1														
- / -25																					1														
TOTAL	2	.853	.812	.9	.7	.8	1.1	.1		.1	.3							742	743	742	742														

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4572492	59422	87.1	12.391	742	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	591279	18727	25.2	12.679	743	5.3	60.4	.2				84
Wet Bulb	522882	17614	23.7	11.890	742	5.4	66.1					84
Dew Point	414955	14599	19.7	13.128	742	9.6	73.9					84

USAFETAC FORM 0-26-5 (OL A) 1-63  
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

7-4536                      241NA MAP KS  
STATION                      STATION NAME

73-81

YEARS

FEB  
MONTH

PAGE 1      7925-1100  
HOURS 11. S. T. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
67 / 65								.4	.1									4	4																
47 / 63				.1				.1										2	2																
77 / 61		.1						.1										2	2																
77 / 59		.1				.1	.1	.1										4	4																
77 / 57							.2	.1										3	3		7														
57 / 55			.3		.3	.7	.3		.1									12	12		1														
47 / 53		.1		.1	.3	.5	.5	.3										14	14																
27 / 51		.1		.8	.7	.5	.3	.1										19	19	5															
57 / 49			.3	.5	1.2	.5	.1											20	20	6	3														
27 / 47		.1	.3	.7	.8	.5		.1										19	19	5	2														
47 / 45	.1	.3	.5	1.3	1.3	.1	.1											29	29	23	1														
47 / 43	.1	.1	1.5	.8	.7													24	24	23	2														
27 / 41	.3		1.2	.8	.5	.1												22	22	27	9														
47 / 39	.1	.4	1.9	1.5	.4													32	32	41	13														
77 / 37	.7	2.8	2.3	1.3														53	53	39	17														
27 / 35	1.2	3.7	2.2	.4														50	50	72	38														
37 / 33	1.1	3.5	2.2	.3														52	52	51	59														
27 / 31	2.2	3.8	1.3															54	54	75	59														
77 / 29	1.3	3.4	1.5															46	46	52	62														
27 / 27	.8	2.2	1.2															31	31	39	66														
27 / 25	.7	2.8	.3															28	28	32	55														
27 / 23	.3	2.4	.4	.1														24	24	35	44														
27 / 21	.3	2.7	2.0															37	37	24	42														
27 / 19	.9	2.4	.5	.1														32	32	38	34														
17 / 17	.5	2.7	.5															28	28	24	25														
17 / 15	.5	2.0																19	19	25	28														
17 / 13	.4	1.7	.3															18	18	23	23														
17 / 11	.1	1.1																9	9	12	19														
77 / 9		1.6	.1															13	13	14	37														
77 / 7	.3	1.2																15	15	13	14														
27 / 5		.4																3	3	12	9														
27 / 3	.5	.5																8	8	12	14														
27 / 1	.9	.7																12	12	10	18														
77 / -1	.5	.1																5	5	6	16														
Element (X)	Σ X'		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		+ 32 F		+ 67 F		+ 73 F		+ 80 F		+ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONTH

PAGE 7 0900-1100  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
- / -2		.3	.1																3	3	4	12															
- / -3																						8															
- / -4																						6															
- / -5																						3															
- / -6																						5															
- / -7																						2															
- / -8																						1															
- / -9																						1															
- / -10																						1															
- / -11																						1															
- / -12																						1															
- / -13																						1															
- / -14																						1															
- / -15																						1															
- / -16																						1															
- / -17																						1															
- / -18																						1															
TAL	13.243	12.7	9.0	6.2	3.2	1.7	1.5	.3											744	744	744	744															

Element (X)	Σ x'	Σ x	̄x	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3992491	53751	71.316799		744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	560661	23233	31.213487		744		.9	43.2				34
Wet Bulb	692357	20987	28.211621		744		1.1	50.6				64
Dew Point	482254	16534	22.212431		744		6.2	67.4				84



## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONT

PAGE 1 1222-14-2  
HOURS 10:50 P.

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

FEEL  
MONTE

PAGE 2 1200-1422  
HOURS 6.5.7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
/	.1	.7																5	6	5	17														
/	.1	.1																2	2	4	9														
/		.1																1	1	1	9														
/		.1																1	1	2	15														
/ -1																																			
- / -2																																			
- / -3																																			
- / -4																																			
- / -5																																			
- / -6																																			
- / -7																																			
- / -8																																			
- / -9																																			
- / -10																																			
- / -11																																			
- / -12																																			
- / -13																																			
- / -14																																			
- / -15																																			
- / -16																																			
TOTAL	3.925	6.22	9.9	6.8	8.8	6.7	4.9	6.0	3.2	1.9	1.1	.3	.3					751	751	751	751														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3132374	46304	61.72	0.894	751	$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Dry Bulb	1299877	29034	38.71	15.38	751		31.5	2.7	.6			84
Wet Bulb	925077	24914	33.21	11.46	751		37.9					84
Dew Point	550421	18581	24.71	10.99	751	2.1	64.6					64

## PSYCHROMETRIC SUMMARY

**FEB**  
MONTH

HOURS . . 5 . 9

[illegible]

SUPPL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

74566 JALINA MAP KS  
STATION STATION NAME

73-81

YEARS

FEB  
MONTH

PAGE 2 1570-1700  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 13		.1	.9																															3	8	4	14		
1 / 11																																				7	19		
/ 9																																			6	6	2	23	
/ 7																																			3	3	4	21	
/ 5																																			3	3	4	13	
/ 3																																					2	7	
/ 1																																					4	2	
/ -1																																					1	1	
/ -3																																					1	1	
/ -5																																					1	1	
/ -7																																					1	1	
/ -9																																					1	1	
/ -11																																					1	1	
1 / -13																																					1	1	
TOTAL	6.229	5.189	9.0	7.0	5.5	5.4	5.6	5.6	2.8	3.1	1.2	.7	.5	.1																				747	747	747			

Element (X)	$\Sigma K^1$	$\Sigma K$	$\bar{K}$	$e_K$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2944679	43777	59.622	545	747	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Dry Bulb	1486936	37972	41.516	487	747		27.9	7.1	2.8	.3		84
Wet Bulb	1207236	26756	34.911	484	747		34.4					84
Dew Point	562546	18982	25.417	368	747	1.1	62.9					84

## PSYCHROMETRIC SUMMARY

73-61

YEARS

FILE  
MONTA

PAGE 1 1800-2000  
HOURS 10:30-11:00

[illegible]

## PSYCHROMETRIC SUMMARY

FES  
MONTH

PAGE 2 1875-2702  
HOURS 11:30 A.M. - 1:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point																
/			.5															4	4	6	7																
/ .1		.1	.7															5	6	5	12																
/ 1			.1															1	1	2	7																
/ -1																					6																
- / -3																					5																
- / -5																					2																
- / -7																					2																
- / -9																					1																
- / -15																					1																
/ -17																					1																
/ -19																					1																
T 14	1.139	915.2	9.6	7.7	4.2	5.2	1.6	1.2	1.2	.3	.1	.1						740	741	740	740																

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3732310	50632	69.4	19.243	740	$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Dry Bulb	1101001	26517	35.8	14.336	741		35.7	1.4	.3			84
Wet Bulb	835755	23427	31.7	11.284	740	.1	41.5					84
Dew Point	554322	18548	25.1	11.000	740	2.2	60.5					84



## PSYCHROMETRIC SUMMARY

**YEARS**

FEB  
MONTH

HOURS 11 5 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
/ -1			.3	.3																													4	4	3	3
- / -3				.1																													1	1	3	3
- / -5																																				5
- / -7																																				4
- / -9																																				3
- / -11																																				2
-1 / -13																																				1
- / -15																																				1
- / -17																																				1
- / -19																																				1
TOTAL	15.149	7.118	2.7	2.7	5.1	2.7	1.3	.5	.1	.1																							746	748	746	

Element (X)	Σ x'	Σ x	Σ	Σ <sub>2</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4373658	55970	75.0	15.300	746	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	33379	23735	37.8	12.865	748	.6	45.4	.2				84
Wet Bulb	686996	21753	28.2	11.147	746	.7	51.7					84
Dew Point	573100	17322	23.2	11.640	746	3.4	70.6					84





## PSYCHROMETRIC SUMMARY

7-4586	SALINA MAP KS
STATION	STATION NAME

73-61

**YEARS**

FFA  
MONTH

PAGE 2

ALL  
HOURS . . . S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ 13	.5	1.4	.1															119	119	125	166											
1 / 11	.3	1.7	.2															79	79	175	204											
/ 9	.1	1.1	.															77	77	93	184											
/ 7	.2	.8																58	59	67	116											
/ 5	.1	.4																29	29	53	68											
/ 3	.4	.3																45	46	47	73											
/ 1	.5	.7																70	70	65	108											
/ -1	.5	.1																38	38	40	71											
- / -3	.3	.1																24	24	25	50											
- / -5	.5	.1																34	34	34	51											
- / -7	.1																	8	8	11	23											
- / -9	.1																	4	4	4	44											
- / -11	.1																	3	3	3	26											
-1 / -13																					11											
-1 / -15	.1																	4	4	4	16											
-1 / -17	.1																	3	3	3	11											
- / -19	.1																	1	1	1	13											
- / -21																					6											
-2 / -23																					1											
- / -25																					1											
TOTAL	11.743	617.7	7.4	4.9	3.0	2.5	2.0	1.4	.9	.6	.2	.1	.1	.0				5986		5981												
																		5981		5981												

Element (X)	ΣX'	ΣX	X	°s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	32633472	427588	71.5	18.604	5981	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	7538532	192717	32.2	14.932	5986	13.4	353.4	12.0	3.7	.3		672
Wet Bulb	5347776	172437	28.6	12.108	5981	14.7	402.6					672
Dew Point	3971782	136356	22.8	12.009	5981	37.5	550.4					672

## PSYCHROMETRIC SUMMARY

704546      SALINA MAP KS  
STATION      STATION NAME

72-81

YEARS

MA3  
M2M1M

PAGE 1

2000-2200  
HOURS S.T.

Temp. (F)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																											
1 / 29					.4																										2	3																														
4 / 55				.1										.1																	2	2	3																													
4 / 67			.2									.1	.1																		4	4																														
1 / 51			.2		.5	.4	.1	.4																							14	14	3	2																												
1 / 59			.2	.5	.2	.1																									9	9	3	4																												
1 / 57			.1	.2	.4	.6			.4																						19	19	4																													
1 / 55	.1	.5	.5				.2	.2	.1	.2																					17	17	16	8																												
4 / 53		.5	.1	.7	.5	.5	.1	.1																							21	21	15	14																												
1 / 51		1.1	1.7	1.1	.7	.4	.5																								34	34	14	7																												
1 / 49	.1	2.1	1.1	.6	1.2	.4																									42	42	18	12																												
1 / 47	.4	3.1	.5	.6	.7	.1																									44	44	48	25																												
1 / 45	.2	2.1	.9	1.2	.6																										39	39	46	39																												
4 / 43	.5	2.7	1.2	1.5																											48	49	41	25																												
2 / 41	.6	3.6	1.2	1.1	.1																										53	53	55	45																												
1 / 39	1.	3.8	1.9	.5	.2																										67	67	64	43																												
1 / 37	.9	3.7	1.2	1.4	.1																										64	65	68	46																												
1 / 35	1.1	5.2	1.2	.7																											65	65	64	64																												
3 / 33	.2	4.2	2.1																												51	51	56	42																												
1 / 31	1.9	5.2	2.1	.1																											75	75	65	96																												
1 / 29	.6	1.4	1.7	.1																											31	31	68	54																												
1 / 27	.4	3.1	.6	.1																											34	34	71	54																												
1 / 25	.7	1.1	.5																												19	19	41	54																												
1 / 23	.6	.1																													6	6	14	35																												
1 / 21	.7	1.1																													15	15	12	31																												
1 / 19	.5	.4																													8	8	15	27																												
1 / 17	.2	.4	.1																												6	6	5	18																												
1 / 15		.7																													5	6	1	19																												
1 / 13		.6																													5	5	7	7																												
1 / 11	.1	.1																													2	2	5	7																												
1 / 9		.4																													3	3	4	3																												
1 / 7		.1																													1	1	1	3																												
1 / 5																																			1																											
1 / 3																																			4																											
1 / 1	.2	.4																														5	5	3	5																											
Element (X)	Σ x'				Σ x				x̄				s <sub>x</sub>				No. Obs.				Mean No. of Hours with Temperature																																									
Rel. Hum.																																	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																																														
Wet Bulb																																																														
Dew Point																																																														

## PSYCHROMETRIC SUMMARY

YEARS

442

PAGE 2 100-210  
HOURS 11:55 AM

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ -1	.1																																	1	1	3	7		
- / -7																																				1			
- - / -5																																				2			
- / -7																																				2			
TOTAL	11.249	621.2	17.9	4.3	2.1	1.2	.6																											2.8	8.6	8.6	9.2		

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	
Rel. Hum.	5107137	62994	78.215	.033	806							93
Dry Bulb	1337701	31637	39.211	.035	808	.1	25.0	.3				93
Wet Bulb	1149716	29342	36.410	.064	806	.3	31.9					93
Dew Point	945730	26114	32.411	.090	805	.8	49.7					93

USAFETAC FORM 0-26-5 (OL A) REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
AA 44

## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE : 0300-0500  
HOURS 11:50 A.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
4 / 67				.4																													3	3						
4 / 61				.2				.4		.1																						6	6	3	3					
4 / 59				.6		.2		.1		.1		.1																			10	10	5	5						
4 / 57				.7		.1		.7			.5																					17	17	2	4					
5 / 55	.1		.9	.4				.1		.5																						16	16	15	6					
4 / 53				.7				.4		.1		.1																				17	17	13	11					
4 / 51			1.1	.4		.4		.7		.7																						27	27	11	17					
4 / 49			1.4	1.2		.4		.2			.1																					25	25	17	7					
4 / 47	.4		3.2	.6		.7		.1		.4	.1																					45	45	71	22					
4 / 45	.9		1.8	1.1		.6		.4																								19	19	48	41					
4 / 43	.7		2.8	1.6		.6		.2																								49	49	47	26					
4 / 41	.1		3.1	.9		.6																											38	38	37	32				
4 / 39	1.2		3.2	1.8	1.1																												60	60	60	42				
3 / 37	1.4		3.3	1.4	.5																												53	53	57	45				
3 / 35	1.6		5.7	1.4	.4																												73	73	71	58				
3 / 33	2.1		3.9	1.6	.2																												64	64	75	59				
2 / 31	1.6		6.9	1.7																													78	78	55	66				
2 / 29	1.4		3.6	1.2	.2																												52	52	77	57				
2 / 27	.4		4.1	.9																													43	43	55	64				
2 / 25	.9		1.5	.4																													22	22	37	42				
2 / 23	.1		1.5	.2																													15	15	21	46				
2 / 21	.7		2.1																														22	22	24	32				
2 / 19	.5		.5																														8	8	17	37				
2 / 17	.4		.4																														6	6	6	16				
1 / 15			.6																														5	5	2	19				
1 / 13			.5																														4	4	4	12				
1 / 11	.4		.4																														6	6	7	7				
1 / 9			.2																														2	2	2	3				
1 / 7	.4																																3	3	5	5				
1 / 5																																				2	2			
1 / 3																																				5	5			
1 / 1	.2																																2	2	2	2				
1 / -1	.4																																3	3	3	3				
1 / -3	.1																																1	1	1	4				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																												Total	
Rel. Hum.											± 0 F										± 32 F		± 67 F		± 73 F		± 80 F		± 93 F											
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 2 0300-0500  
HOURS U.S.T.

[illegible]

USAFETAC  
FORM  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73-81

YEARS

**MAS**  
**MONITOR**

PAGE 1 2600-0840  
HOURS 11:58:11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 55			.1															1	1																
4 / 53		.2																2	2	1															
/ 51			.1	.2														3	3	2	3														
/ 50		.4	.4			.1												7	7	1															
/ 50				.2	.4	.1	.1											7	7	6	3														
5 / 45	.7	1.7	.2			.4	.1											22	22	11	11														
4 / 53	.4	1.7	.4	.1	.2	.4												21	21	14	10														
/ 51		.7	.6	.2	.5	.6												22	22	16	11														
/ 46		1.1	1.7	1.7	.1													26	26	13	4														
/ 47	.5	2.3	.7	.4	.7	.1												39	39	28	18														
/ 45	.6	2.1	.7	.9	.4													38	38	44	36														
4 / 42	.8	2.9	.9	.5	.1													43	43	41	27														
2 / 41	.1	2.9	1.7	.6	.5													42	42	46	28														
/ 37	1.6	3.8	1.5	.5	.1													61	61	58	46														
2 / 37	.7	3.9	2.2	.5														60	60	49	38														
/ 35	1.5	4.9	1.5															64	64	68	51														
3 / 33	1.1	4.8	1.3	.2														61	61	76	53														
/ 31	2.2	5.8	2.5	.1														26	26	66	91														
/ 29	.9	4.3	1.6	.2														57	57	66	71														
/ 27	.9	3.1	.7															28	28	61	54														
/ 25	.6	3.6	.1															35	35	47	46														
/ 23	.1	1.8	.4															19	19	32	46														
2 / 21	.5	1.2																14	14	25	38														
/ 19	1.8	1.2																16	16	19	32														
/ 17		.7																6	6	9	27														
1 / 15	.1	.2	.1															4	4	4	18														
/ 13		.2																2	2	2	11														
1 / 11		.7																6	6	7	9														
/ 9	.4																	3	3	5	4														
/ 7		.4																1	1	1	5														
/ 5	.1	.1																2	2	4	6														
/ 3		.2																2	2	1															
/ 1		.1																1	1	2	3														
/ -1	.2																	2	2	2	3														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

73-61

YEARS

MAD  
MON'Y

PAGE 3

7600-0840  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
- / -3	.2																	2	2	2	2														
- / -5																					4														
- / -9																					2														
-1 / -13																					1														
TOTAL	15.355	8.18	5.8	3.1	1.7	.2													815	815	815														
																			815	815	815														
																			</																





## PSYCHROMETRIC SUMMARY

73-81

**MAR**  
1997  
**MONT**

PAGE 2 0900-1100  
HOURS - S. T.

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

YEARS

MAD  
MONTH

PAGE 2 1270-1407  
HOURS 11.5.7.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 13		.2	.1																														3	3	4	2
1 / 11			.1	.1																													2	2	1	1
/ 9																																			1	5
/ 7																																			1	2
/ 5																																				1
/ -1																																				1
- / -3																																				1
- / -5																																				1
TOTAL	7.315	3.16	1.13	2.12	3.17	5	2.9	6.0	5.3	3.4	1.6	.6																					818	819	815	818

Element (X)	Σ X'	Σ X	X	°X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3227775	48309	59.121	423	818	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2228418	41382	50.512	964	819		7.8	10.7	3.6	.3		93
Wet Bulb	1628476	35392	43.3	9720	818		12.7	.1				93
Dew Point	1785497	28457	34.810	813	818	.3	40.4					93

## PSYCHROMETRIC SUMMARY

724526                      2ALIYA MAP KS  
STATION                      STATION NAME

73-81

YEARS

MAD  
MONTH

PAGE 1 1500-1700  
HOURS

[illegible]

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

1500-1700

HOURS L, S, T,

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B.-W.B. Dry Bulb	Wet Bulb	Dew Point	
/					.4																												3	3	1	32
/																																		3	11	
1 / 15	.1	.2	.4																														6	6	2	14
/ 13																																			4	15
1 / 11																																				3
/																																				3
/																																				1
/																																				1
/																																				1
/																																				1
- / -3																																				1
TAL	4.7	15.3	12.1	10.9	14.7	10.6	7.4	6.4	6.3	4.7	7.3	2.7	1.2	.4																				815	819	815

Element (X)	Σ x'	Σ x	Σ	Σ <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2949671	45511	55.8	22.936	815	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	2443393	43271	52.8	13.863	819		7.9	15.9	8.7	1.4		93
Wet Bulb	1632181	36171	44.4	9.717	815		11.1	.1				93
Dew Point	1034440	28398	34.8	10.799	815	.2	43.5					93



JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704566 CALINA MAP KS

73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 13			.1	.1															2	2	2	13													
1 / 13		.1	.1																2	2	1	9													
1 / 11		.1	.1																2	2	3	3													
1 / 9		.1	.1																2	2	2	5													
1 / 7																					1	4													
1 / 3																						1													
1 / -1																						1													
1 / -3																						1													
1 / -5																						1													
TOTAL	4.6	23.0	18.3	16.6	12.7	7.8	7.0	4.2	2.9	1.4	1.0	.4	.1						803	804	803	803													

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3646372	51598	64.3	20.311	803	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	195924	38457	47.8	12.246	804		9.5	5.7	1.7	.2		93
Wet Bulb	148003	33625	41.9	9.474	803		13.8					93
Dew Point	1056759	27895	34.7	10.459	803	.3	38.2					93

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3646372	51598	64.3	20.3	803	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	195924	3845	47.8	12.2	804			9.5	5.7	1.7	.2	93
Wet Bulb	1480013	33625	41.9	9.4	803			13.8				93
Dew Point	1056759	27895	34.7	10.4	803		.3	38.2				93



## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE 1

2100-2300  
HOURS S. T.

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73-81

## 1 YEARS

MAD  
MORT

PAGE 2 2100-2300  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

73-41

**YEARS**

MAS  
MONT

PAGE 1

ALL  
HOURS S. T.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 74546 SALINA MAP KS STATION NAME

73-81

YEARS

APR  
MONTH

PAGE 1 0000-0200  
HOURS G. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31										
67/75				.1					.1																							2	2				
67/73				.1					.1																							2	2				
67/71			.1	.1	.3				.3																							6	6				
67/69			.1	.5	.4																											8	8	1			
67/67		.8	1.3	1.1	.3	.1																										28	28	3			
67/65		.6	1.2	.6	.5				.3	.1																						25	25	12	7		
67/63		1.1	1.0	.6	.8				.4	.4																						33	33	27	17		
67/61	.1	1.8	.6	.9	.5	.3			.4	.1																						37	37	28	19		
67/59		1.5	1.5	2.0	.6	.4			.3																							50	50	32	26		
67/57	.3	2.5	1.4	.4	1.2	.8				.1																						51	51	31	36		
67/55	.3	1.9	1.4	1.4	1.4	1.3	.1																									61	61	48	34		
67/53		1.9	1.7	1.4	1.1	.4			.1																							47	47	42	35		
67/51		3.9	1.4	1.1	.4	.1																										54	54	42	33		
67/49		3.1	2.2	1.8	.8	.3																										63	63	51	46		
67/47		2.5	2.6	1.4																												52	52	51	49		
67/45		2.3	1.5	.4																												33	33	71	43		
67/43	.1	3.6	2.7	.5																												50	50	62	52		
67/41		2.9	2.4	.6																												47	47	46	59		
67/39	.1	2.3	2.7																													35	35	58	60		
67/37	.4	2.3	1.8																													35	35	39	60		
67/35	.3	2.3	.9																													27	27	36	61		
67/33	.3	2.7	.4																													25	25	33	51		
67/31	.4	1.7	.3																													13	13	24	48		
67/29	.1	.4	.1																													5	5	12	23		
67/27		.1																														1	1	4	21		
67/25																																			2	7	
67/23																																				2	
67/21	.3	.1																														3	3	2	1		
67/19																																			1	3	
67/17																																				3	
67/15	.1	.1																														2	2	2			
67/13	.1																															1	1	1	1		
67/11																																			3		
Element (X)	Σ X					Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.									± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																							
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

APR  
MONTH

PAGE 2 0000-2200  
HOURS 11.5.1

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

APP  
MONTH

PAGE 1 2630-0840  
HOURS 11.5.7

[illegible]





## PSYCHROMETRIC SUMMARY

**YEARS**

APD  
MONTH

PAGE 2 5900-1100  
HOURS 6.5.1

[illegible]

0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**



## PSYCHROMETRIC SUMMARY

73-81

ADD  
MONTH

PAGE 2 1270-1400  
HOURS 11.5.1.

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

ADP  
MONTH

PAGE 1 1500-1700  
HOURS 11.5.11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
91											.1	.1						2	2																
89											.1	.3						3	3																
87										.1	.3	.6	.4					11	11																
85										.3	.4	.1		.1				7	7																
83							.1	.5	.3	.3	.3	.4	.4					17	17																
81						.1	.4	.1	.3	.1	.4	.4	.1					18	18																
79					.6	.9	.1	1.0	.1	1.0	.1		.1	.1				33	33																
77				.3	.4		.5	.4	.4	1.0	.4	.9	.1					35	35																
75				.3	.3	1.7	.8	.6	.6	1.2	.3	.1	.1					41	41																
73				.3	.3	.4	.6	.3	.3	.9	.8	.3						35	35	2															
71			.3	.5	1.7	1.2	.8	2.3	.5	1.7	.9	.1						67	67	17															
69			.8	.5	.5	1.7	1.5	1.2	1.4	.5	.3	.1						65	65	23	4														
67		.5	.6	.8	.3	1.7	.6	.9	1.5	1.0								57	57	26	11														
65		.5	.4	.1	.5	.8	.6	1.5	1.4	.1								47	47	45	19														
63		.6	1.7		.5	.8	.5	.9	.6	.1								40	40	50	15														
61		1.2	.5	.3	.4	1.0	.4	1.3	.1									40	40	50	28														
59		.1	.3	.4	.6	.9	1.3	1.2	.1									38	38	57	40														
57		.1	.3	.8	.9	1.5	1.4	.3										41	41	67	37														
55		.1	.9	.6	.1	2.2	1.3											41	41	56	29														
53		.1	1.4	1.7	1.7	.3	1.3											40	40	62	23														
51		.8	.3	.1	1.7	.3												19	20	65	35														
49	.4	.4			.1													7	7	69	54														
47		.9	.4	1.3	.1	.3	.3											25	25	61	50														
45		.3	.3	.1	.4													12	12	45	49														
43		.3	.4	.1														6	6	24	45														
41		.4	.3	.4														8	8	27	40														
39	.3	.3	.1	.5														9	9	11	56														
37		.3																2	2	9	45														
35		.5																4	4	9	54														
33	.1	.4																4	4	7	51														
31																				1	38														
29																					23														
27		.6																5	5		20														
25		.1																1	1	5	6														
Element (X)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

774536      SALIVA MAP KS  
STATION      STATION NAME

73-61

YEARS

APR  
MONTM

PAGE 2

1500-1700

HOURS: 10:30 A.M. - 5:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point	
/ 23																																			1	1
/ 21																																			5	5
/ 19																																			3	3
/ 17																																			2	2
TOTAL	9.3	9.0	8.1	8.3	7.2	14.5	12.7	12.3	8.6	7.3	4.2	3.5	1.3	.3																			780	731	780	
																																		780	731	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2454258	40862	52.4	20.065	780	$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Dry Bulb	3404233	50745	65.0	11.718	781		.7	45.1	23.3	8.5		90
Wet Bulb	2369697	42430	54.4	8.893	780		.8	7.5	.2			90
Dew Point	1686538	35246	45.2	10.976	780		11.0	1.7				90

## PSYCHROMETRIC SUMMARY

7-4536                      SALINA MAP KS  
STATION                      STATION NAME

73-81

YEARS

APR 3 1964

PAGE 1 1800-2000  
HOURS - L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

73-81

ADD  
MONTH

PAGE 2 1622-2700  
HOURS 11.5.1

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

724536 SALINA MAP KS

73-81

YEARS

APR  
MAY

PAGE 1

2200-2300  
HOURS - 5 P.M.

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

PAGE 1

ALL  
HOURS 11-5 P.M.

[illegible]

USAFETAC 026-5 (OL A) FORM 04-64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

     MAY       
MONTH

PAGE 1 0000-3200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

444  
MONTH

PAGE 1

2300-2500  
HOURS U.S.T.

[illegible]







## PSYCHROMETRIC SUMMARY

724536      SALINA MAP KS  
STATION      STATION NAME

73-81

YEARS

MAY  
MONTH

PAGE 1 1223-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 91											.1		.1					2	2																
1 / 89											.1		.1					7	7																
2 / 87							.5	.5	.5	.1								13	13																
6 / 85					.1	.7	.2	.7	.2		.1	.1	.1					20	20																
4 / 83				.1	.6	.6	1.1	.9	.2		.4	.2						34	34																
1 / 81				.6	1.5	2.1	1.0	.5	.6	.2								53	53																
1 / 79			.9	.4	3.0	1.2	.9	.9	.4	.2	.2							65	65																
7 / 77			.1	1.4	1.6	1.6	1.5	.6	.4	.7								64	64	2															
6 / 75			.6	2.5	1.7	1.5	1.6	1.2	.6									74	74	23	1														
74 / 73		.1	.6	1.1	.7	3.1	1.7	1.2	.5	.1								75	75	24	5														
71 / 71		.4	.5	1.1	1.5	3.2	1.5	1.4	.2									79	79	41	21														
1 / 69		.4	.9	1.2	2.1	1.4	1.4	1.2	.1									70	70	68	13														
1 / 67		.6	.7	.7	1.5	1.5	.9	.7										54	54	67	38														
6 / 65		.5	.6	.5	.6	.7	1.1	.5	.4									40	40	49	44														
4 / 63		.7	.1	.7	.6	.5	.6	.6	.1									33	33	83	63														
1 / 61		.2	.4	.4	.7	.4	.4	.1										21	21	86	58														
1 / 59	.1	1.1	.7	.1	.4	.2	.5	.2	.1									29	29	84	42														
1 / 57	.6	.2	.2	.5		1.1												22	22	71	49														
5 / 55	.4	.5	.6		.4	1.7												23	23	64	59														
4 / 53	.7	.4	.5	.2	.1	.1												13	13	41	81														
7 / 51	.1	.2	.2	.1														6	6	33	62														
5 / 49	.1	.1	.2	.2														6	6	21	49														
1 / 47			.1															1	1	14	51														
4 / 45	.2	.1	.4															6	6	25	34														
4 / 43		.4																3	3	7	28														
2 / 41																				6	35														
4 / 39																					27														
3 / 37																					13														
7 / 35																					15														
3 / 33																					12														
1 / 31																					8														
1 / 29																					4														
2 / 21																																			

## PSYCHROMETRIC SUMMARY

YEARS

     MAY       
MONTH

1200-1400

HOURS - L. S. T. )

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 1 1500-1700  
HOURS (U.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 91										.7	.1	.1						6	8																
1 / 89								.4	.7	.1	.2							12	12																
8 / 87						.1	.2	.2	.9	.1		.2	.2					17	17																
6 / 85					.1	.5	.2	.7	.4	.1	.1		.4					21	21																
4 / 83				.5	.9	1.7	.7	1.0	.6	.5	.5							52	52																
1 / 81				.5	1.4	2.7	1.2	1.5	1.0		.2							69	69																
1 / 79				.5	2.2	.6	1.5	1.4	.4		.1							54	54																
7 / 77			.1		1.1	1.8	2.2	2.0	2.3	1.1	.7	.2	.1					94	94	4															
7 / 75				.2	1.5	1.1	1.2	4.1	1.2	.2	.2	.1						81	81	17	1														
4 / 73				.9	.7	.6	2.5	1.0	1.8	1.2	.2							73	74	41	3														
1 / 71			.5	.5	1.0	.5	1.8	.6	1.2	.2								52	52	35	13														
7 / 69			.6	.5	1.7	1.4	1.1	2.5	.9	.6								69	69	61	12														
1 / 67			.2	.6	.6	.7	1.4	.1	.2	.4								35	35	77	36														
6 / 65		1.2	.6	.7	1.1	.2	.7	.6	.9									50	53	68	58														
4 / 63	.1	.2	.1	.4	.4	.5	.6	.7	.2									27	27	89	68														
2 / 61		.1	.4	.5		.2	.1	.7										17	17	104	46														
1 / 59		1.1	.5	.5	.1		.9	.2	.1									28	28	62	38														
5 / 57		.7	.4	.2	.1	.1	.2											15	15	67	66														
5 / 55		.2	.4		.2		.1											8	8	67	65														
4 / 53		.2	.1	.2	.4		.2											10	11	30	63														
2 / 51	.1	.4		.1	.2	.1												8	8	26	71														
5 / 49		.4		.2														5	5	21	50														
4 / 47		.2	.2															4	4	23	47														
4 / 45	.4		.1															4	4	11	39														
4 / 43																				6	26														
2 / 41																				4	24														
4 / 39																					23														
3 / 37																					18														
7 / 35																					16														
3 / 33																					17														
2 / 31																					7														
7 / 29																					3														
2 / 27					</																														

## PSYCHROMETRIC SUMMARY

YEARS

**MAY**  
**MONTH**

PAGE 2      1500-1700  
HOURS L. S. T.

[illegible]

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

74586 SALINA MAP KS

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2100

HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
79			.1		.1	.1														3	3														
77			.2	.9	.1	.2														12	12														
75		.1	.7	.6	.7	.2														20	20		1												
73			1.4	1.5		.7	.1	.1												31	32	6	2												
71			2.4	1.5	.6	.2	.1		.1											36	36	13													
69		.9	3.9	1.4	.7	.2	.2													59	59	27	12												
67		1.4	3.2	.6	1.6	.6	.1													61	61	42	29												
65		1.7	2.6	2.5	2.1	.6	.1													78	78	57	42												
63		1.7	2.1	3.7	2.7	.7	.1													78	79	66	51												
61	.2	2.7	3.9	2.1	2.4	.4	.1													95	95	52	57												
59	.2	2.2	2.5	3.7	.9	.7														77	77	32	53												
57	.2	1.6	2.9	1.5	1.6	.1														64	64	93	67												
55	.1	2.1	2.2	1.6	1.1	.2	.1													61	61	56	63												
53		1.1	1.6	.9	.1	.1														31	31	74	75												
51		1.3	1.1	1.7	.5	.2														31	31	50	65												
49	.1	1.0	.7	1.1	.2															26	26	50	73												
47		.9	1.2	.5																21	21	77	51												
45		.2	.9	.2																11	11	20	40												
43		.1	.2	.1																4	4	31	37												
41		.2		.2																4	4	9	29												
39																						4	27												
37																						3	13												
35																							12												
33																							1												
31																							3												
29																							4												
TOTAL	1.7	19.2	34.0	23.8	14.9	5.7	1.1	.1	.1												804		803												
																				603		803													

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4680176	60568	75.4	11.802	803	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	3124826	49758	61.9	7.519	804			25.8	7.8			93
Wet Bulb	2672412	45948	57.2	7.343	803			10.3	.8			93
Dew Point	2379009	43167	53.8	8.539	803		.8	5.4	.3			93

Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	468	176	60	568	75.4	11.8	0.2				
Dry Bulb	3124	826	497	58	61.9	7.5	19				
Wet Bulb	2672	42	459	48	57.2	7.3	43				
Dew Point	2379	009	431	67	53.8	8.5	39				

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

724536      SALINA MAP KS  
STATION      STATION NAME

73-81

YEARS

**MAY**

PAGE 1

ALL  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

MAY  
MONTH

**ALL**  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															



## PSYCHROMETRIC SUMMARY

704536	SALINA MAP KS
STATION	STATION NAME

73-79.81

YEARS

JUN  
MONTM

PAGE 1 2000-0200  
MOORE (L. S. T.)

MOORE, J. S. T.

HOURS (L, S, T, I)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704506 SALINA MAP KS

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-2500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 73							.1											1		1																
7 / 77			.6	.3	1.1	2.5	.7	.3										12		12																
7 / 75				2.2	1.3	.8	.8											39		39																
4 / 73			.6	2.5	2.4	1.1	.1	.3										41		41		5	2													
7 / 71		.1	3.0	3.2	1.2	1.4	.1	.4										50		50		15	3													
7 / 69		.3	5.0	3.2	1.2	.1	.4	.1										66		66		37	22													
7 / 67		.3	5.5	2.1	2.2	.6	.3											75		75		86	43													
6 / 65		.6	4.0	.7	1.4	.6												79		79		82	64													
4 / 63		.1	5.9	2.5	.4	.1	.4											52		52		93	62													
7 / 61		.4	4.1	1.5	.6		.1											69		69		72	77													
7 / 59			4.6	.8	1.2	.3	.1											51		51		69	67													
7 / 57		.4	2.2	1.7	.7	.1	.1											51		52		56	53													
5 / 55		.6	3.3	1.7														38		39		54	67													
4 / 53			1.7	.6														40		40		35	42													
7 / 51			2.2	.6	.3													16		16		41	40													
5 / 49		.3	1.4															22		22		27	30													
4 / 47		.1	1.1															12		12		27	41													
4 / 45																		9		9		16	27													
4 / 43																						6	13													
7 / 41																																				
7 / 39																																				
TOTAL		7.245	2.23	1.14	.9	8.2	3.9	1.5																												
																		723		723		723														

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5788378	60102	83.11	1.295	723	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3165454	47597	65.6	7.578	725			45.1	17.8	.6	90
Wet Bulb	2835524	45118	62.3	6.702	723			28.3	2.5		90
Dew Point	2656269	43523	60.2	7.089	723			18.9	.6		90

## PSYCHROMETRIC SUMMARY

7.4586      SALINA MAP KS  
STATION      STATION NAME

73-81

**YEARS**

JUN  
MONTH

PAGE 1

~~2600-2800~~  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ 89												.1						1	1													
6/ 85								.1				.1						2	2													
4/ 83				.3		.4	.1	.1										7	7													
/ 81			.1		.3	.4	.9	.1			.1							15	15													
/ 79			.1	.9	.6	.8	.1											20	20													
7/ 77		.1	.4	1.8	2.3	.6	.5		.1									46	46	3												
6/ 75			1.8	2.5	1.8	1.0	.8	.4										65	65	3	4											
4/ 73		.8	2.8	1.5	.6	1.1	.3	.3	.1	.1								60	60	23	2											
/ 71	.7	2.3	3.1	3.3	1.5	.9	.8											95	95	57	20											
/ 69	.4	4.1	1.9	1.6	2.3	1.0	.3	.1										91	91	97	65											
6/ 67	.3	3.9	4.4	.8	1.4	.6												90	90	97	87											
6/ 65	.5	3.6	2.3	1.5	.8													69	69	97	99											
4/ 63	.3	3.3	1.8	.9	.4	.5	.1											57	57	100	68											
/ 61	.1	3.1	1.3	1.1	.4	.1												49	49	80	105											
/ 59	.4	2.5	1.6	.6	.3													43	43	76	66											
/ 57		1.8	1.8	1.0	.1													37	37	50	72											
5/ 55	.1	1.4	1.4	.1	.3													26	26	34	43											
4/ 53		.6	.6															10	10	37	59											
7/ 51		1.1		.1														10	10	22	32											
5/ 49	.1	.3																3	3	16	34											
/ 47		.3																2	2	4	25											
4/ 45																				2	9											
4/ 43																					5											
2/ 41																					3											
TOTAL	2.3	29.1	25.2	17.9	12.5	7.4	3.8	1.1	.3	.1	.1	.3						798	798	798	798											



## PSYCHROMETRIC SUMMARY

74586	SALINA MAP KS
STATION	STATION NAME

73-81

YEARS

JUN  
MONTH

PAGE 2      2900-1102  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

724586  
STATION

SALINA MAP KS

73-81

YEARS

JUN  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 2 1200-1463  
HOURS (L, S, T)

[illegible]





## PSYCHROMETRIC SUMMARY

7.4536  
STATION

SALINA MAP KS

73-81

JUL  
MONTH

PAGE 2 1500-1700  
HOURS 10 5 10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point					
2 / 41																						2				
4 / 39																						4				
7 / 37																						7				
7 / 35																						1				
TOTAL	.1	2.4	.9	2.9	4.5	9.3	7.1	11.9	11.0	12.4	11.6	9.7	7.3	3.7	1.3	2.0	1.9			792		792				
																				792		792				

## PSYCHROMETRIC SUMMARY

**JUN**  
**MONTM**

1800-2000  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
11 / 109																	.1	1	1															
1 / 107																	.1	1	1															
1 / 105																	.1	1	1															
1 / 103												.1					.1	.1	3	3														
1 / 101											.1	.1			.1	.3	.1	6	6															
1 / 99											.3			.1	.1	.3	.3	9	9															
6 / 97										.4	.5	.5	.5	.5	.1	.3		22	22															
6 / 95									.3	.3	.1	1.1	.5		.1			19	19															
4 / 93								.3	.6	.1	.9	.4	.3	.1		.1		22	22															
7 / 91								.3	1.0	1.3	1.4	.3	.4	.3				38	38															
7 / 89						.8	.9	1.0	1.0	.6	.4	.4	.1					41	41															
8 / 87					.6	1.5	2.1	2.5	.8	.9	.4	.1						71	71															
6 / 85					.3	1.3	1.8	2.5	1.3	.6	1.5	.4						76	76															
4 / 83	.1		.1	.5	1.8	1.3	.6	.8	1.0	.8	.3	.1						58	58															
7 / 81			.4	1.0	2.8	1.3	.9	1.0	.8	.3	.3							68	68	7														
7 / 79			.3	.8	2.7	1.9	1.1	1.4	1.0	1.3	.4	.4						83	33	9	1													
7 / 77			.3	.9	2.7	1.1	1.1	1.3	.9	.5	.3							66	66	30	1													
6 / 75			.3	1.3	1.1	1.9	.8	1.1	.6	.5								60	60	66	7													
4 / 73	.3	.5	.5	.8	1.4	.9	.5	.3	.1	.1								42	42	130	21													
7 / 71	.5	.4	.8	.6	.3	.6	.1	.1		.1								28	28	119	50													
7 / 69	.5	.5	.5	.3	.6	.5		.1										24	24	74	77													
6 / 67	1.3	.3	.8	.3	.5	.3												26	26	90	90													
6 / 65	.1	.1		.4	.1													6	6	87	83													
4 / 63	.3	.6	.1	.3														10	10	65	78													
6 / 61	.3	.1																3	3	49	75													
7 / 59	.5	.4	.1															8	8	28	56													
6 / 57	.4																	3	3	29	48													
5 / 55	.1																	1	1	9	38													
4 / 53																				4	59													
2 / 51																					46													
5 / 49																					25													
4 / 47																					17													
4 / 45																					10													
4 / 43																					4													
Element (X)	Σ x'		Σ x		x̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

## PSYCHROMETRIC SUMMARY

774596	SALINA MAP KS
STATION	STATION NAME

73-81

YEARS

July  
MONTANA

PAGE 2      1800-2000  
HOURS (L.S.T.)

[illegible]

## PSYCHROMETRIC SUMMARY

774536	SALINA MAP KS
STATION	STATION NAME

73-81

YEARS

JUN  
MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
97																		1	1	1															
95																		1	1	1															
93												.1						2	2	2															
91								.7	.1		.1	.1						5	5	5															
89						.3	.1		.3			.1	.1					7	7	7															
87							.4	.4	.3	.4	.3	.1	.1					15	15	15															
85						.5	.4	1.1	.5	.3		.1						22	22	22															
83					.9	.7	2.1	.9	.3	.1	.3	.1						42	42	42															
81				.5	1.7	1.3	1.6	.5										43	43	43															
79			.1	1.7	1.7	1.7	.3	.4										45	45	45	4														
77		.1	1.2	2.9	1.3	1.2	.9	.6	.5									68	69	4	1														
75			2.1	4.1	1.4	1.8	.7	.5	.1									82	82	26	3														
73	.3	.7	3.4	2.8	1.2	1.2	1.2	.1										82	82	74	27														
71		1.1	2.7	1.7	2.2	.7	1.4											69	69	92	44														
69		.8	1.7	1.2	2.4	1.3	.3											58	58	177	73														
67	.3	2.7	2.5	1.6	1.3	1.7	.5											75	75	78	100														
65	.3	1.1	1.8	1.2	1.7	.5	.1											51	51	96	79														
63		.9	.9	.7	.6	.1												26	26	72	69														
61	.3	1.3	.8	1.2	.3													29	29	71	72														
59		.7	.4	.8	.1													15	15	56	52														
57	.1	.7	.4	.4	.1													13	13	37	72														
55		.8	.1															7	8	34	41														
53		.4																3	3	14	52														
51																				3	44														
49																				1	27														
47																					6														
45																					2														
43																					1														
41																					1														
TOTAL	1.2	1.4	1.7	5.2	7.1	7.3	13.0	10.3	4.7	2.0	.9	.7	.7	.3	.3	.1		759	761	759	759														

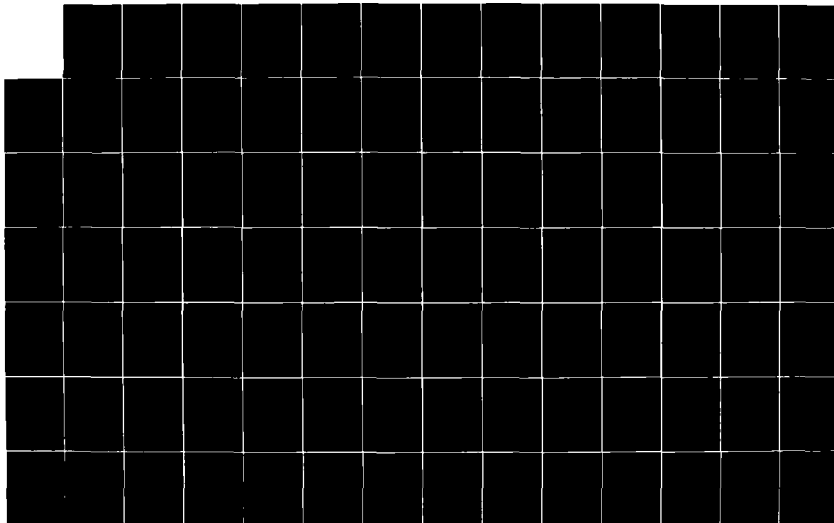
Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3837244	52776	69.514	8.67	759	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	4122363	55739	73.2	7.608	761			72.9	49.7	18.4	.5	90
Wet Bulb	3342044	50172	66.1	5.834	759			45.7	12.8	.4		90
Dew Point	2952818	47064	62.7	6.744	759			28.6	2.8			90

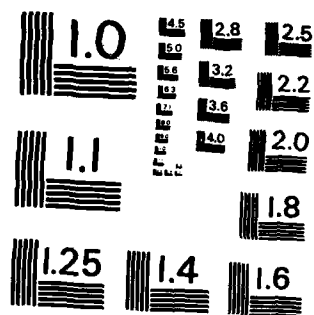
AD-A122 720

SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82  
USAFETAC/DS-82/068 SBT-AD-8880 213 F/G 4/2

UNCLASSIFIED

56  
NL





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
12/111																		.1	4	4						
11/109																		.1	4	4						
10/107																		.1	4	4						
9/105													.0					.1	7	7						
8/103											.0	.0	.0	.0	.0	.1	.1	.0	20	20						
7/101										.0	.1	.1	.0	.1	.0	.1	.0	.0	28	28						
6/99									.0	.1	.1	.2	.2	.2	.1	.2	.1	.1	60	60						
5/97									.1	.1	.2	.5	.2	.2	.0	.1			79	79						
4/95									.1	.2	.3	.6	.2	.2	.1				103	103						
3/93								.0	.3	.3	.6	.2	.2	.1		.0			102	102						
2/91							.1	.2	.6	.7	.5	.3	.1	.1	.0				158	158						
1/89						.0	.2	.7	.8	.6	.4	.3	.2	.1					201	201						
8/87						.1	.9	.9	.9	.4	.6	.3	.1	.0	.0				258	258						
6/85				.0	.1	1.0	.8	1.1	.7	.4	.5	.3	.1						306	306						
4/83		.3		.7	.4	1.2	1.1	.8	.5	.5	.5	.2	.0	.0					320	320						
3/81			.0	.2	1.1	1.4	1.2	.7	.6	.6	.2	.1	.1						370	370	17					
2/79			.2	.9	1.3	1.6	.7	.7	.7	.6	.2	.1							427	427	41					
7-/77		.1	.5	1.4	1.6	.9	.8	.5	.5	.1	.2								411	412	111					
6/75		.7	1.1	1.8	1.3	1.3	.5	.6	.4	.2	.0								443	443	375					
4/73	.0	.5	1.6	1.5	.8	.9	.6	.4	.1	.0	.0								397	397	674					
3/71	.0	1.2	1.6	1.5	1.1	.5	.7	.2	.1	.0	.0								425	425	637					
2/69	.1	1.8	1.5	.8	.9	.6	.2	.1	.7										378	380	733					
6-/67	.1	2.1	1.6	1.0	.7	.6	.2	.0											390	390	696					
5/65	.2	1.6	.9	.7	.5	.1	.1	.0											262	263	667					
4/63	.1	1.8	1.7	.6	.4	.2	.0												245	245	571					
3/61	.1	1.7	.7	.6	.2	.1													211	211	454					
2/59	.1	1.5	.7	.6	.1	.0													186	187	367					
5-/57	.1	.9	.8	.3	.1	.0													131	132	298					
5-/55	.1	.8	.5	.0	.3														94	95	181					
4/53		.5	.2	.0															44	44	153					
3/51		.5	.1	.0															40	40	76					
5/49	.3	.3																	19	19	55					
4-/47	.0	.2																	11	11	24					
4-/45																					8					
Element (X)	Σ x'		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total			
Dry Bulb																										
Wet Bulb																										
Dew Point																										

## PSYCHROMETRIC SUMMARY

JUN  
MONTH

ALL

ALL  
HOURS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

[illegible]

**USAFETAC**  
FORM  
NA 44  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## PSYCHROMETRIC SUMMARY

<u>724536</u>	<u>SALINA MAP KS</u>
STATION	STATION NAME

73-81

**YEARS**

JUL  
MONTH

PAGE 1 0300-0500  
HOURS 11.5.71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
8 / 87										.3								2	2					
6 / 85									.1	.3	.1							4	4					
4 / 83						.1	.3	.5										7	7					
2 / 81			.1	.1	1.3	.8	.5	.5	.3									28	28					
0 / 79		.1		1.5	2.5	1.2	.7	.7										50	50					
7 / 77		.4	.8	3.2	2.1	2.6	2.2	.4	.1									90	90	2	2			
16 / 75		1.3	3.7	3.4	2.5	1.8	.4	.3	.1									98	98	5	1			
24 / 73		2.2	2.1	4.2	.8	1.1												77	77	66	12			
32 / 71	.3	4.9	4.2	2.1	.5	.7	.1											97	99	89	51			
40 / 69	.8	6.5	4.4	1.5	1.5													110	110	133	152			
48 / 67	.5	3.8	2.6	1.3	.3	.3												67	67	179	120			
56 / 65	.3	3.8	1.6	.8	.7													54	54	102	132			
64 / 63	.4	2.2	1.3	.8	.3													38	38	71	94			
72 / 61	.1	1.8	.5	.1	.1													21	21	50	84			
80 / 59		.7	.3	.1														8	8	31	63			
88 / 57		.1		.1														2	2	18	51			
96 / 55		.3																2	2	6	17			
104 / 53																				3	13			
112 / 51			.4															3	3		10			
120 / 49																				1	2			
128 / 47																				2	1			
136 / 45																					2			
144 / 43																					1			
TOTAL	2.4	28.0	21.4	19.3	12.5	8.6	4.2	2.5	.8	.4								758	760		758			

## PSYCHROMETRIC SUMMARY

724586                      SALINA MAP KS  
STATION                                      STATION NAME

73-81

YEARS

\_\_\_\_ JUL \_\_\_\_\_  
MONTH

PAGE 1 0600-2800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
1 / 91								.1										1	1													
2 / 89							.1		.1	.1	.5							7	7													
3 / 87								.1	.1	.6	.1							8	8													
4 / 85						.6	.1	.2	.4									11	11													
5 / 83					.2	1.1	1.3	1.6	.5									39	39													
6 / 81				.1	1.8	1.8	1.3	.4	.1	.1								47	47													
7 / 79			.1	1.7	4.0	3.6	.7	.2	.1									86	86													
8 / 77			2.1	2.9	3.1	2.2	.6	.2										91	91	2												
9 / 75		.9	3.9	3.6	2.9	1.6	.4	.2										110	110	17												
10 / 73		2.6	2.8	3.2	.9	1.6	.4											93	93	106	16											
11 / 71	.2	3.9	3.9	1.6	1.0	.5	.1											92	92	144	78											
12 / 69	.9	2.9	3.1	2.2	1.3	.2												87	87	166	133											
13 / 67	.1	4.4	1.5	1.0	.1	.2												63	61	135	123											
14 / 65	.1	1.5	1.1	1.3		.1												34	35	94	145											
15 / 63	.1	2.0	.6	.4														25	25	65	102											
16 / 61		1.3	.4	.1														15	15	42	76											
17 / 59		.4		.2														5	5	30	59											
18 / 57		.1	.1	.1														3	3	7	45											
19 / 55		.1																1	1	5	19											
20 / 53																				2	9											
21 / 51			.1															1	1		7											
22 / 49																					2											
23 / 47																				1	1											
24 / 45																					1											
TOTAL	1.	20.	119.	718.	515.	413.	6	5.3	3.2	1.8	.4	.5						816.	818	816.	816											

## PSYCHROMETRIC SUMMARY

73-81

**YEARS**

JUL  
MONTH

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
1 / 103											.1							1	1													
2 / 101										.1	.1	.1						7	7													
3 / 99												.1		.2	.1			4	4													
4 / 97									.1	.1	.4	.6	.4	.5	.1			18	18													
5 / 95								.2	.2	.2	.7	.7	.4	.1				20	20													
6 / 93							.2	.9	1.2	2.3	1.1	.2	.1					50	50													
7 / 91						.4	1.0	1.5	1.9	.7		.1	.1					46	46													
8 / 89					.1	.7	2.7	2.2	1.9	1.0	.1	.1						72	72													
9 / 87				.1	.5	2.8	4.0	2.8	1.0	.4	.5							98	98													
10 / 85			.1	.5	3.3	2.2	2.3	1.1	.6	.4								86	86													
11 / 83			.7	1.5	2.7	2.5	2.8	.2	.1	.1								87	88	2												
12 / 81		.2	1.5	2.3	2.1	2.0	.5	.2	.2	.1								75	75	4												
13 / 79	.1	.5	2.2	1.4	1.1	.4	.9	.1	.1									55	55	12												
14 / 77	.1	.7	1.6	1.2	1.4	1.0	.1	.1										51	51	58	9											
15 / 75	.9	.5	1.1	1.5	1.2	.1	.2											45	45	165	11											
16 / 73	.4	1.0	1.1	.4	.7	.1	.1											31	31	212	59											
17 / 71	.4	1.1	.2	.4		.1												18	18	112	93											
18 / 69	.4	1.7	.4															14	14	92	137											
19 / 67	1.1	.6	.5															18	18	58	124											
20 / 65	.4	.6																8	8	52	113											
21 / 63	.4	.1																4	4	27	91											
22 / 61	.2																	2	2	15	66											
23 / 59																				1	48											
24 / 57																					28											
25 / 55																					11											
26 / 53																					10											
27 / 51																					8											
28 / 49																					1											
29 / 47																					1											
TOTAL	4.3	6.4	9.5	9.3	13.2	12.3	14.9	9.6	7.5	6.4	3.3	1.2	1.6	.2				810	811	8												

## PSYCHROMETRIC SUMMARY

724536                      SALINA MAP KS  
STATION                      STATION NAME

73-81

YEARS

**JUL**  
**MONT**

PAGE 1 1220-1420

[illegible]

## PSYCHROMETRIC SUMMARY

774586  
STATION

SALINA MAP KS STATION NAME

**73-81**

YEARS

JUL  
MONTH

PAGE 2

1200-1400  
HOURS (L.S.T.)

[illegible]

## PSYCHROMETRIC SUMMARY

73-81

YEARS

\_\_\_\_\_  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]









## PSYCHROMETRIC SUMMARY

774586  
STATION

SALINA MAP KS

73-81

YEARS

JUL  
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

724586                      SALINA MAP KS  
STATION                                      STATION NAME

73-81

YEARS

JUL  
MONTH

PAGE 2

\_\_\_\_\_ **All**

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
4 / 43																													6			
4 / 41																													4			
4 / 39																													1			
TOTAL	7.9	9.3	10.6	11.4	12.6	10.1	7.9	7.8	7.0	5.5	5.4	3.8	3.3	2.9	1.8	1.1	.8		6369								6362					
																			6362								6362					

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	25684788	383654	60.320	0.018	6362	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	43650834	523046	82.110	4.57	6369			706.2	597.0	414.3	147.6	744
Wet Bulb	32034249	450399	70.8	4.826	6362			613.4	298.0	15.9		744
Dew Point	27239262	414816	65.2	5.499	6362			328.6	52.4	.4		744

## PSYCHROMETRIC SUMMARY

YEARS

19 AUG 1954

PAGE 1 0000-2200  
HOURS 11 5 11

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704586 SALINA MAP KS  
STATION STATION NAME

73-81  
YEARS

AUG  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb		Wet Bulb		Dew Point														
85							.1	.5	.2		.2	.1						10		10																
83							.4	.6		.1								9		9																
81					.6	.7	.6	.2	.2	.1								21		21																
79			.1	.1	2.0	3.1	.6	.5	.1									53		53																
77		.1	.7	2.3	2.8	1.7	.6	.1										69		69																
75			2.0	2.9	1.8	1.5	.6	.1										73		73																
73		2.7	3.8	3.3	1.0	.7	.2											90		90		31	6													
71		3.8	3.4	2.7	1.2	1.1	.2											96		96		88	18													
69		5.0	3.6	1.8	1.1	.6		.2										101		101		147	96													
67	.4	5.0	3.1	2.0	.5	.1												90		91		148	127													
65	.6	3.1	2.0	1.3	.5	.5	.2											67		67		108	130													
63	.1	2.5	1.1	.5	.2	.1												37		37		93	97													
61	.2	2.8	1.5	.7														43		43		63	105													
59	.1	1.3	.7	.1	.1	.1												21		21		48	56													
57	.2	1.6	.6	.2	.2													24		24		37	63													
55	.1	.4		.1	.1													6		6		28	42													
53				.4														3		3		7	27													
51		.1																1		1		6	24													
49				.1														1		1		2	4													
47																					4	4														
45																							9													
43																						1	4													
41																							2													
39																							1													
TOTAL	1.8	27.7	22.6	18.0	12.3	10.3	3.7	2.3	.6	.2	.2	.1						815		816		815														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5040929	63109	77.4	13.760	815	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	4103222	57624	71.6	6.454	816			69.9	37.0	7.9		93
Wet Bulb	3530454	53487	65.6	5.093	815			47.7	4.0			93
Dew Point	3242365	51187	62.8	5.813	815			28.2	.7			93

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## PSYCHROMETRIC SUMMARY

YEARS

AUG.  
MONTH

1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

7-4596      SALINA MAP KS  
STATION      STATION NAME

73-81

YEARS

AUG  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

7 4 5 5 6  
STATION

SALINA MAP KS

73-81

AUG  
MONTH

PAGE 1

**1500-1700**  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

YEARS

AUG  
MONTH

PAGE 1 1800-2000  
HOURS 11:55-1:01

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 105																	.1	1	1					
1 / 103													.2			.1	.2	6	6					
2 / 101												.2				.1	.1	2	2					
6 / 99												.2	.4	.4		.1		9	9					
6 / 97											.4	.9	.5	1.1	.1	.2		26	26					
6 / 95									.6	1.6	1.6	.6	.6	.1				42	42					
4 / 93								.1	.7	1.1	1.2	1.1	.5	.5	.1	.1		45	45					
1 / 91					.1		.1	.6	1.0	2.4	1.6	1.0	.4	.4	.1			62	62					
7 / 89					.1	.4	.5	1.4	1.1	1.2	1.9	1.0	.1	.1				63	63					
8 / 87					.1	.9	2.0	1.4	2.4	1.5	.7	.1	.2					75	75					
6 / 85				.1	.5	1.6	1.2	1.2	1.2	.6	.7	.2						61	61					
4 / 83				.2	1.2	2.0	1.5	1.6	.9	.5	.5	.2						70	70					
1 / 81			.1	.2	.6	1.7	1.9	1.1	1.6	.7	.1	.1						67	67	1	1			
1 / 79			.1	1.3	2.4	2.0	.7	1.1	1.1	.2	.1							71	71	14	1			
7 / 77			.4	.6	1.5	1.0	1.2	.6	.4	.2	.1							49	49	44	3			
76 / 75			.6	1.7	.7	1.1	1.0	.7	.2	.1								51	51	112	9			
74 / 73		.4	1.1	1.0	.5	1.1	.4											36	36	143	30			
7 / 71	.1	.5	.7	.1	.4	.7		.1	.1									23	23	115	57			
7 / 69	.1	1.2	.4	.1	.4	.1												19	19	130	90			
6 / 67	.1	.1	.6	.4	.4													13	13	93	120			
6 / 65		.5	.1	.1														6	6	54	93			
4 / 63		.1	.2															3	3	63	77			
1 / 61		.5																4	4	17	87			
1 / 59		.1	.1	.1														3	3	15	63			
1 / 57		.1																1	1	3	50			
54 / 55																				3	55			
4 / 53																					27			
2 / 51																					19			
5 / 49																					10			
40 / 47																					6			
46 / 45																					7			
44 / 43																					2			
42 / 41																					1			
Element (X)	Σ X'		Σ X		X		C <sub>X</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

724536 STATION SALINA MAP KS STATION NAME

73-81

YEARS

AUG  
MONTH

PAGE 2

1820-2050  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

AUG  
MONTH

HOURS: 6, 5, 7, 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
67 95											.1			.1	.1			3	3																
67 93											.1							1	1																
67 91										.9	.4							17	17																
67 89							.1		.4	1.7	.2	.1		.1				16	16																
67 87				.1		.6	.6	1.6	.1	.2			.1					28	28																
67 85			.2		1.1	.7	2.9	.9	.7	.5	.1							58	58																
67 83			.1	1.1	2.1	2.7	1.7	.6	.4	.1								66	66																
67 81	.1		.4	2.9	1.7	1.5	1.1	.5	.4									69	69																
67 79		.9	2.0	1.2	2.2	.6	.7	.1	.1									64	64	4															
67 77	.1	1.2	3.1	2.7	1.6	1.2	.5	.7										85	85	4	3														
67 75	.1	2.7	3.0	1.6	1.6	.5	.4	.1										75	75	42	7														
67 73	.5	3.7	2.1	1.4	2.1	.7	.7	.6										96	96	179	21														
67 71	2.7	2.5	1.2	1.5	.6	.7	.1											73	73	120	64														
67 69	1.7	1.7	1.7	1.7	.7	.5	.5											64	64	135	99														
67 67	.2	1.5	1.0	.6	.7	.2	.1	.1										37	38	108	119														
67 65	.1	1.1	.4	1.5	.7		.1											34	34	76	98														
67 63		.9	.2	.4			.1											13	13	65	87														
67 61		.6	.1	.1														7	7	52	80														
67 59	.2	.1	.2															5	5	41	53														
67 57		.5																4	4	14	59														
67 55																				10	36														
67 53																				4	35														
67 51																				1	19														
67 49																					6														
67 47																					8														
67 45																					7														
67 43																					2														
67 41																					1														
67 39																					1														
TOTAL	.6	9.3	14.0	15.8	15.0	14.2	9.8	9.6	5.6	3.6	1.7	.2	.1	.2	.1			806			805														
																		805																	

Element (X)	Σ x'	Σ x	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3734958	53284	66.2	16.085	805	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	4764456	61712	76.6	6.999	806			85.7	65.9	33.7	.5	93
Wet Bulb	3763537	54898	68.2	4.949	805			62.6	20.7			93
Dew Point	3291232	51218	63.6	6.357	805			36.2	3.6			93



## PSYCHROMETRIC SUMMARY

73-81

YEARS

**AUC**  
**MONITOR**

PAGE 1

ALL  
HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1/177																		3	3																
1/175																		12	12																
1/173														.1	.7	.1	.8	.1	20	20															
2/171												.3	.1	.1	.1	.1	.3	.37	37	37															
1/169												.1	.4	.2	.4	.1	.1	.8	80	80															
1/167							.2	.2	.2	.2	.3	.7	.7	.4	.1	.1		151	154																
1/165								.7	.1	.4	.8	.8	.4	.2	.2	.8		187	187																
1/163							.2	.2	.3	.6	.8	.5	.1	.2	.1	.1		166	136																
1/161						.7	.7	.2	.3	.6	.8	.9	.3	.2	.1	.7		224																	
1/159						.2	.2	.4	.9	.7	1.2	.7	.5	.2	.1	.7		268																	
1/157					.3	.5	1.2	.9	1.1	.6	.3	.2	.1	.8				320	320																
1/155				.2	.2	1.2	.9	1.4	.8	.6	.3	.2	.2	.2				359	362		1														
1/153			.7	.1	.6	1.3	1.1	1.4	.7	.5	.2	.1		.2				385	385		4														
1/151		.2	.7	.3	1.2	1.5	1.4	.8	.6	.4	.2	.2	.2					428	428	12	2														
1/149		.2	1.2	1.6	2.5	.6	.8	.3	.1	.1	.7							462	462	76	4														
7/147		.1	.5	1.2	2.2	1.2	1.1	.4	.2	.1	.1							470	470	239	14														
1/145		.2	1.4	2.1	1.2	1.2	.6	.3	.1	.1								461	461	548	50														
1/143		.8	2.4	1.9	1.2	.9	.4	.2	.1									486	487	851	178														
1/141	.7	1.8	2.1	1.2	1.2	.5	.2	.7	.7									437	437	868	413														
1/139	.1	2.4	1.6	.8	.7	.3	.1	.2										393	393	1000	744														
1/137	.2	1.9	1.6	.7	.6	.2	.2	.7										342	346	670	950														
1/135	.2	1.4	.8	.6	.4	.1	.1	.2										238	238	626	873														
1/133	.1	1.3	.7	.3	.1	.1	.7											166	166	468	720														
1/131	.1	1.3	.6	.3	.1	.1	.2											153	154	307	694														
1/129	.1	.4	.4	.1	.1	.7												73	73	241	459														
1/127	.1	.5	.2	.1	.1													56	56	148	422														
5/125	.7	.1	.7	.7	.1													15	15	97	313														
1/123		.1		.1														10	10	33	224														
1/121		.7																2	2	15	139														
1/119		.1		.1														3	3	10	67														
1/117																				11	54														
1/115																				1	56														
1/113																				1	31														
2/111																					15														
Element (X)	Σ x'	Σ x																Mean No. of Hours with Temperature																	
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

7-4-36      SALINA MAP KS

73-81

AUG  
MONTH

PAGE 2

ALL  
HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS 73-81 SEP  
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200  
HOURS G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B. Dry Bulb		TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

74536 SALINA MAP KS STATION NAME

73-81 YEARS

SEP

PAGE 1 0500-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ 81						.1	.1											2	2													
/ 79					.4	.3	.1			.1	.3							9	9													
7- / 77				.8	.6	.4												14	14													
6 / 75				1.2	1.4	.4												22	22													
4 / 73			1.5	1.6	.8	.4	.1	.1	.1									37	37		2											
- / 71		.9	2.9	1.2	.5	.8	.1											49	49	13	2											
/ 69		2.5	2.3	1.5	1.3	.4												63	63	43	19											
- / 67		2.8	1.1	1.4	1.4	.1												54	54	83	52											
6 / 65	.5	2.7	1.7	1.4	.6	.4	.1											53	53	53	59											
4 / 63	1.3	2.3	3.0	1.0	.5	.3												66	66	55	64											
- / 61	.6	2.5	1.4	1.0	.8	.1												51	51	68	56											
- / 59	1.1	3.6	1.0	1.4	.4													59	59	78	54											
5- / 57	.5	3.0	1.8	1.4	1.3	.1												64	64	47	70											
5- / 55	.3	3.7	1.0	1.0	.3	.1												50	50	55	61											
4 / 53	.1	2.9	1.4	1.3	.7													47	47	65	40											
10 / 51	.3	1.4	1.6	.3		.3												30	30	45	52											
5 / 49	.4	1.9	1.0	.3		.1												29	29	44	50											
4 / 47	.4	1.1	.6		.1													18	18	36	54											
4 / 45		2.2	1.1	.5														30	30	25	26											
4 / 43	.1	1.5	.5															17	18	24	39											
2 / 41		1.1	.4															12	12	26	26											
4 / 39		.4	.3															5	5	16	28											
2 / 37	.3	.4																5	5	3	13											
3 / 35	.1																	1	1	6	13											
3 / 33		.1																1	1	1	5											
2 / 31																						2										
1 / 29																							4									
1 / 27																							1									
TOTAL	6.0	37.1	24.1	11.6	9.1	0.5	4.2	.6	.1	.1	.1	.3						788	789	798	788											

Element (X)	Σx'	Σx	Σ	Σ <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5270142	53664	87.8	12.684	788	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2999373	48071	60.9	9.464	789			28.5	9.6	.5		90
Wet Bulb	2645181	45149	57.3	8.610	788			16.1	.2			90
Dew Point	2424835	43155	54.7	9.221	788		.8	8.1				90

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	X <sub>2</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5270142	53664	87.8	12.684	788	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb	2999373	48071	60.9	9.464	789			28.5	9.6	.5	90
Wet Bulb	2645181	45149	57.3	8.610	788			16.1	.2		90
Dew Point	2424835	43105	54.7	9.221	788		.8	8.1			90

## PSYCHROMETRIC SUMMARY

774586      SALINA MAP KS  
STATION

73-81

SEP  
MONTH

PAGE 1

2653-3843  
HOURS 11-5-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
/ 72					.1		.3											3	3															
7 / 77		.1	.1	.9	.5	.4	.3											19	19															
6 / 75		.1	.4	1.3	.5	.3												27	27	1														
4 / 73			1.8	.9	.9	.9												34	34	2	3													
/ 71		1.7	2.3	1.3	.8	.4	.1											51	51	20														
/ 69	.1	1.9	2.3	.9	.9	.1	.1											52	52	44	26													
/ 67	.6	2.7	1.7	2.4	.9	.1	.1											62	62	63	50													
6 / 65	.5	3.3	1.3	1.3	.3	.5												56	56	59	59													
4 / 62	1.1	2.9	1.9	1.7	.5	.5	.4											66	66	65	54													
/ 61	.9	2.9	1.8	1.1	.9													62	62	67	50													
/ 59	.4	3.4	1.3	1.7	.6	.1												59	59	63	66													
/ 57	.4	3.7	1.8	1.2	1.1													63	63	52	74													
5 / 55	.5	3.7	1.4	1.7	.3													54	54	69	62													
4 / 52	.1	1.9	1.4	1.4														38	38	54	43													
/ 51		2.3	1.3	.6	.1	.1												35	35	44	38													
5 / 49	.3	1.3	1.4		.4													26	26	44	36													
/ 47	.4	1.7	1.3															26	26	40	59													
4 / 45	.3	.9	.9	.3	.4													21	21	27	42													
4 / 43		1.9	.3															17	17	20	35													
2 / 41		1.1	.3															11	11	21	32													
/ 39	.3	1.7																10	10	19	22													
3 / 37		.1	.1															2	2	8	17													
2 / 35	.3	.3																4	4	4	11													
3 / 33																				1	3													
2 / 31																					6													
/ 29																					1													
1 / 27																					2													
TOTAL		6.137	6.24	8.17	7.9	3.3	1.3												787	787	787													
																		787		787														

Element (X)	Σx'	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5313767	63963	81.3	12.132	787	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2976161	47843	60.8	9.281	787			27.3	8.7			90
Wet Bulb	2640832	45076	57.3	8.667	787			14.9	.3			90
Dew Point	2428933	43799	54.8	9.347	787		1.0	9.0	.3			90

## PSYCHROMETRIC SUMMARY

73-81

SFB

STATION

STATION NAME

YEARS

9 MONTH

PAGE 1

7900-1100

HOURS: 1, 9, 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
8 / 95											.1							1	1																
7 / 93										.1	.3	.1	.1	.1				6	6																
7 / 91										.1	.1							2	2																
7 / 89								.4	.6	.5	.1		.1					14	14																
8 / 87							.1	1.0	.4	.4								15	15																
6 / 85						.6	.9	1.0	.3	.4		.1						25	25																
7 / 83					.1	.6	1.0	1.1	.5	.3								29	29																
7 / 81				.1	.4	1.3	1.1	.6	.6	.1								34	34																
7 / 79				.5	1.7	.9	1.0	.4	.4	.4	.1							42	42																
7 / 77				1.3	1.4	1.1	1.4	.6	.4									49	49	3															
7 / 75			.8	1.2	.6	1.5	1.1	.6	.1	.3								55	55	14															
4 / 73		.3	.5	1.4	1.1	1.4	.9	.8	.5	.1								54	54	53	1														
7 / 71		.5	.8	1.1	1.9	.6	1.7	.9	.4									57	57	60	16														
7 / 69	.3	.9	1.5	1.4	.4	1.1	.6	.9										56	56	64	43														
7 / 67	.5	.5	1.7	.9	1.3	.5	1.8	.5	.1									61	61	69	78														
6 / 65	.1	1.5	1.4	.9	.5	.9	1.7											55	55	61	47														
4 / 63	.6	1.1	1.3	.6	1.7	.9	.9	.4										59	59	86	61														
7 / 61	.6	.8	.6	.8	1.3	.9	.3											41	41	62	78														
7 / 59	.1	1.5	.9	.9	1.4	.4	.1											42	42	57	56														
7 / 57		1.1	.3	1.4	1.1	.3												33	33	53	62														
5 / 55		.9	.3	.1	.8	.3	.1											19	19	56	53														
4 / 53		.6	.5	.4	.1	.1												14	14	53	37														
7 / 51		.4	.5	.3	.3	.1												12	12	41	42														
5 / 49		.3	.1		.1	.1												5	5	25	46														
7 / 47		.4		.1														4	4	12	45														
4 / 45		.4																3	3	8	43														
4 / 43																				6	30														
2 / 41																				3	20														
4 / 39																				1	15														
7 / 37																					5														
7 / 35																					3														
3 / 33																					2														
2 / 31																					1														
7 / 29																					1														
Element (X)	Σ x'	Σ x	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

774536  
STATION

SALINA MAP KS STATION NAME

73-81

YEARS

SEP  
MONTH

PAGE 2 2900-1100  
HOURS U. S. T. 1

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 12-2-1422  
HOURS 11.5.11

[illegible]



## PSYCHROMETRIC SUMMARY

7-4536                      SALINA MAP KS  
STATION                                      STATION NAME

73-81

YEARS

SEP  
MONTH

PAGE 7 1200-1400  
HOURS - S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 1522-1722  
HOURS: 11:53

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
STAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704596 SALINA MAP KS  
STATION

73-81  
STATION NAME

YEARS

SEP  
MONTH

PAGE 1 1980-1980  
HOURS S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
35																						17													
33																						4													
31																						7													
29																						1													
27																						3													
25																						1													
TOTAL	.3	4.8	4.7	4.3	6.7	9.5	7.9	12.4	9.6	10.8	10.9	7.9	4.3	3.4	2.0	.3	.1	788	708	788	708														

Element (X)	$\Sigma x^1$	$\Sigma x^2$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	2105257	39005	48.2	18.601	788							
Dry Bulb	5266485	62599	79.4	11.221	788			77.3	65.4	48.5	11.1	90
Wet Bulb	3396234	51392	65.2	7.523	788			43.5	16.9	.7		90
Dew Point	2573934	44352	56.3	9.929	788		.9	13.2	2.5			90





## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 2170-2300  
MOORE S. J.

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

**ALL**  
HOURS 12.5.7.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 105																			1	1															
2 / 101																			16	16															
3 / 99																			32	32															
4 / 97																			47	47															
5 / 95																			38	38															
6 / 93																			67	67															
7 / 91																			82	82															
8 / 89																			108	108															
9 / 87																			150	150															
10 / 85																			181	181															
11 / 83																			206	206															
12 / 81																			235	235		4													
13 / 79																			263	263		14													
14 / 77																			311	311		48													
15 / 75																			325	325	117	7													
16 / 73																			362	362	273	46													
17 / 71																			365	365	403	64													
18 / 69																			432	432	536	252													
19 / 67																			405	405	578	474													
20 / 65																			369	372	526	459													
21 / 63																			423	423	539	529													
22 / 61																			367	367	466	467													
23 / 59																			340	340	504	474													
24 / 57																			282	282	421	581													
25 / 55																			243	243	413	429													
26 / 53																			175	175	389	332													
27 / 51																			128	128	375	339													
28 / 49																			95	95	238	233													
29 / 47																			88	88	179	325													
30 / 45																			78	79	117	287													
31 / 43																			45	46	93	254													
32 / 41																			31	31	75	198													
33 / 39																			18	18	42	164													
34 / 37																			9	9	17	102													
Element (X)	Σ x'		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

74566 SALINA MAP KS 73-81 SEP  
STATION STATION NAME YEARS MONTH  
PAGE 2 ALL  
HOURS 5.5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 35																		5	5	11	71														
/ 33																		1	1	2	28														
/ 31																					24														
/ 29																					13														
/ 27																					10														
/ 25																					4														
TOTAL	2.613	7.15	3.13	3.11	1.1	8.8	7.6	6.5	4.9	4.1	3.1	1.9	1.1	.7	.3	.0	.0	6304	6309	6304	6304														

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	30423353	419224	66.5	20.092	6304	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	31185119	436229	69.1	12.093	6309			412.7	275.5	146.3	21.8	720
Wet Bulb	24172881	385811	61.2	8.551	6304			227.6	54.4	1.3		720
Dew Point	20335459	353129	56.7	9.378	6304		5.8	98.6	6.1			720



## PSYCHROMETRIC SUMMARY

724906      SALINA MAP KS  
STATION      STATION NAME

73-81

YEARS

OCT  
MONTH

PAGE 1 0000-0200

HOURS : 4, 5, 7, 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 75							.7		.1									3	3																
4 / 73				.2	.4		.1	.1										7	7																
1 / 71		.1	.7	.4		.1	.1											12	12																
1 / 69		.2	.1	.1	.6	.4		.1										13	13		6.														
1 / 67		.4		.5	.6	.2	.2											16	16	11															
6 / 65	.1	.9	.4	1.3	.5	.4	.2	.1										32	32	9	14														
4 / 63	.4	.4	.9	.5	.6	1.0		.5										34	34	17	9														
1 / 61	.2	1.1	.7	1.3	.2	1.3	.7											46	46	27	9														
1 / 59	.4	1.8	1.8	1.1	.7	1.2	.4	.2										61	61	35	15														
1 / 57	.2	1.3	.6	1.6	1.3	.7	.5											52	53	32	42														
5 / 55		3.2	1.5	1.5	1.6	.9	.1											71	71	53	31														
4 / 53		2.1	1.6	1.2	.7	.5												50	52	51	45														
1 / 51	.1	2.4	2.3	1.8	.1	.4												59	59	67	32														
1 / 49	1.5	1.6	1.5	1.6	.4	.2												55	55	53	64														
1 / 47	.2	1.7	1.6	1.3	.7													46	46	60	43														
1 / 45	.5	2.9	2.2	1.6	.2													61	61	75	57														
4 / 43		1.8	1.2	.9	.1													33	33	40	64														
2 / 41	.1	2.4	1.7	2.1	.2													48	48	56	53														
4 / 39	.4	1.5	1.2	.9														32	32	49	61														
1 / 37	.4	1.8	1.2	.7														32	32	36	41														
1 / 35	.5	1.3	1.3	.2														28	28	46	53														
3 / 33	.6	.6	.2	.1														13	13	35	45														
1 / 31	.2	.1	.4															6	6	15	45														
1 / 29	.4			.1														4	4	8	32														
1 / 27		.2																2	2	3	19														
1 / 25																					2														
1 / 23		.1																1	1		7														
2 / 21																					1														
1 / 19																					2														
1 / 17																					1														
11 / 15																					1														
TOTAL	5.23	1.22	5.21	3	3.8	7.5	2.4	1.1										918			817														

## PSYCHROMETRIC SUMMARY

73-81

OCT

STATION

STATION NAME

YEARS

9.91 MONTH

PAGE 1

7300-0500

HOURS: 11:30 A.M. - 5:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
47 77				.1																													1	1		
47 71				.5						.4																							7	7		
47 69			1.	.2	.1	.2			.1	.1																						15	15	2		
47 67			.2	.2		.4																										7	7	12	7	
47 65			1.	.5	1.2				.1	.1																						24	24	4	9	
47 63			.4	.6	1.3	.2			.1	.1	.1																				24	24	13			
47 61	.1	1.2	1.0	.1	.9	.4	.2	.1																							33	33	16	10		
47 59	.6	2.6	1.5	.1	1.5	.1	.2																								54	54	36	11		
47 57	.5	1.5	1.2	.6	.7	.4	.1																								41	41	44	38		
47 55	.7	3.1	.1	1.0	.6	.6	.1																								51	51	50	49		
47 53	.1	1.9	1.8	2.4	.9	.6	.1																								64	65	27	37		
47 51	.4	2.3	1.2	1.7	1.3	.6	.1																								63	63	46	31		
47 49	1.1	3.3	2.4	2.1	.2	.4																									78	78	30	44		
47 47	.9	2.4	1.5	.9	.1	.1																									48	48	66	44		
47 45	.4	2.2	1.7	.7	.7																										47	47	69	52		
47 43	.1	2.2	1.8	1.1	.4																										46	46	65	60		
47 41	.4	2.3	2.0	.6																											43	43	42	55		
47 39	.6	2.3	2.0	1.0	.2																										50	50	54	61		
47 37		3.3	2.0	.2																											45	45	52	45		
47 35	.2	1.6	.9																												22	22	48	58		
47 33	1.	1.8	.5																												27	27	44	46		
47 31	.1	.9	.1																																	



## PSYCHROMETRIC SUMMARY

73-81

QCT  
MONITOR

PAGE 1 0900-1100

[illegible]

## PSYCHROMETRIC SUMMARY

74226      SALINA MAP KS  
STATION      STATION NAME

73-61

YEARS

OCY  
MOORE

PAGE 2 2920-1100  
HOURS 1 5 1

[illegible]









GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

734546 STATION SALINA MAP KS 73-81 YEARS OCT MONTH 1500-1700 HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
27																																					15
25																																					15
23																																					5
21																																					2
19																																					5
17																																					1
TOTAL	.7	5.7	4.4	6.1	8.1	11.7	11.2	8.1	13.1	11.9	8.4	7.5	4.4	2.8	1.6	1.5	.4	.7																824	823	823	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2065044	37920	46.1	19.665	823	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	3980189	56465	68.5	11.608	824			56.2	36.8	16.1	.7	93
Wet Bulb	2597428	45762	55.6	8.021	823			6.7	.7			93
Dew Point	1728109	36717	44.6	10.466	823		11.2	1.6				93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

7-4546 SALINA MAP KS

73-81

JCT

STATION

STATION NAME

YEARS

MON'K

PAGE 1 107J-2060  
HQS 107J-2060

[illegible]

## PSYCHROMETRIC SUMMARY

73-81

YEARS

221  
MOMIN

PAGE 2 1800-2000  
HOURS - S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704566 SALINA MAP KS 73-81 OCT  
STATION STATION NAME YEARS MONTH  
PAGE 1 2100-2300  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 79									.1										1	1															
7 / 77								.4	.4										6	6															
6 / 75				.1	.1	.2	.1	.1	.2										8	8															
4 / 73			.4	.9		.2	.1												13	13															
7 / 71			.2		.6	.1		.4	.4	.1									15	15															
7 / 69			.2		1.0	.9	.4	.4	.1	.2									26	26	5	2													
7 / 67		.7	.5	.9	.2	.5	1.0	.4	.2										36	36	9	3													
6 / 65		.7	.5	.9	1.0	.5	.7	.5	.1										42	42	18	12													
4 / 63		1.2	.5	.5	.7	1.0	.7	.6	.2										45	45	27	14													
7 / 61	.2	1.6	.6	1.2	1.0	2.0	.6	.5											63	63	31	9													
7 / 59	.1	2.1	.9	.7	1.7	1.1	.4	.2											59	59	40	26													
7 / 57		1.7	1.3	1.8	1.0	1.1	.2	.1											60	60	40	47													
5 / 55		2.2	1.7	1.8	1.6	.6	.2	.1											62	62	61	28													
4 / 53	.1	1.8	1.6	2.1	1.6	.6													64	65	70	40													
7 / 51	.1	1.6	1.7	1.3	.6	.5													42	42	77	42													
7 / 49	1.2	1.5	1.6	2.0	.9	.1													59	59	63	51													
7 / 47		1.3	1.3	1.2	.6	.1													38	38	64	55													
4 / 45	.1	2.0	1.3	1.2	1.2														48	48	68	60													
4 / 43		1.6	1.3	1.5	.4														40	40	41	71													
2 / 41	.1	.4	1.5	.5	.6														25	25	49	50													
4 / 39	.1	2.2	1.3	.4															33	34	29	72													
7 / 37	.1	.6	.5	.4															13	13	51	42													
7 / 35		.5	.2	.2															8	9	22	40													
3 / 33	.4	.4	.2																8	8	22	45													
7 / 31	.1	.1	.1																3	3	5	40													
7 / 29																					3	20													
7 / 27																						14													
7 / 25																						9													
7 / 23																						7													
7 / 21																						7													
TOTAL	2.8	24.3	18.3	19.9	14.8	9.6	4.9	3.8	1.3	.4									815	817	815														
																			815		815														
Element (X)	Z <sub>x</sub>	Z <sub>y</sub>	X	Y	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4186626	55738	69.6	17.052	815	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2551714	44954	55.7	9.745	817		.3	12.0	3.2			93																							
Wet Bulb	2763506	47424	49.6	8.482	815		.9	1.6				93																							
Dew Point	1688833	36225	44.4	9.833	815		11.1	.6				93																							

USAFETAC 0-26.5 (OL A) NORM 84  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

OCT  
MONTH

STATION

STATION NAME

**YEARS**

MONTH

ALL

HOURS 11-5-9

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 27	.7	.1	.2															11	11	12	149	
/ 25	.1	.1																5	6	13	119	
/ 23		.5																3	3	6	51	
/ 21		.1																4	4	2	43	
/ 19		.3																1	1	4	16	
/ 17																					13	
/ 15																					4	
/ 13																					2	
TAL	4.7	27.9	16.4	14.3	11.1	9.2	7.1	5.3	4.1	2.8	2.0	1.1	.7	.4	.3	.1	.1		6541		6532	
																		6532		6532		

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	30304792	422830	64.7	21.193	6532	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	22644218	376126	57.5	12.463	6541		9.2	179.6	90.2	31.5	1.1	744
Wet Bulb	17186261	329511	50.4	9.292	6532		16.7	24.1	.9			744
Dew Point	13317719	287151	44.9	10.311	6532		106.0	8.5				744

USAFETAC  
FORM  
JAN 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

**NCV**  
MONTH

2629-3200

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
- / -3																		3	3	3	3											
- / -5																					2											
- / -7																					2											
- / -9																					4											
- / -11																					1											
TOTAL	4.6	53.5	21.2	9.3	5.0	.9	.5												798	800	798											

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5156838	63216	79.2	13.673	798	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1319936	31214	39.0	11.301	800	.3	26.0					90
Wet Bulb	1154174	29142	36.5	10.623	798	.5	31.7					90
Dew Point	970019	26141	32.8	11.943	798	1.7	44.5					90



## PSYCHROMETRIC SUMMARY

73-81

YEARS

NOV  
MONTH

PAGE 1 2300-2500  
HOURS 11.5.11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B. Dry Bulb	Wet Bulb Dew Point						
47 / 53			.1															1	1						
47 / 51			.3		.4	.5	.1											10	17						
47 / 49	.3	.6		.3	.3													11	11						
47 / 47	.3	1.1	.9	.3	.4	.1												24	24						
54 / 55	.3	1.4	.1	.1	.1	.4												19	19						
47 / 53	.5	.9	.6	.5	.1													21	21						
47 / 51	.1	.8	.6	1.3	.1													23	23						
57 / 45	.3	1.3	.6	.6	.4													25	25						
47 / 47		2.9	.5	.6	.1													33	33						
47 / 45	.3	3.7	.8															32	32						
47 / 43	.9	3.5	1.5	.5														50	50						
47 / 41	.4	3.9	1.5	1.7														50	50						
47 / 39	.8	3.1	1.3	.4														44	44						
37 / 37	.5	3.0	2.1	.6														50	50						
37 / 35	1.3	5.0	1.4	.6														66	66						
34 / 33	1.1	6.1	1.9	.1														73	73						
27 / 31	1.7	7.8	.8	.1														77	77						
27 / 29	1.7	3.1	1.3															43	43						
27 / 27	1.3	3.4	.3															39	39						
26 / 25	.3	2.3	.5															24	24						
24 / 23	.1	1.5	.1															14	14						
22 / 21	.6	2.1	.3															24	24						
17 / 19	.4	1.3	.1															14	14						
17 / 17	.1	.4																4	4						
17 / 15		.4																3	3						
14 / 13	.1	.6																6	6						
11 / 11	.1	.1																2	2						
7 / 7		.1																1	1						
7 / 7		.3																2	2						
7 / 5		.1																1	1						
7 / 3		.6																5	5						
7 / 1		.3																2	2						
7 / -1	.3																	2	2						
7 / -3	.3																	2	2						
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

## PSYCHROMETRIC SUMMARY

73-81

YEARS

NCV  
MONTH

PAGE ?

0300-2500  
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
- / -5																						4		
- / -7																						3		
- / -9																						1		
- / -11																						2		
TOTAL	12.26	7.1	7.1	7.4	7.7	.6													797	797	797	797		
									</															

0-26-5 (OL A)

**USAFETAC**

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

704536 SALINA MAP KS 73-81 YEARS NOV  
STATION MONTH

PAGE 1 0630-3800  
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B. Dry Bulb	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Wet Bulb	Dew Point															
4 / 62		.3			.1		.1											4		4														
/ 61		.1		.4			.3	.3										8		8														
/ 59		.4	.1		.1	.1												6		6														
/ 57	.1	.9	.8	.5	.1													19		19														
/ 55	.6	1.4	.1	.3														19		19														
4 / 53	1.2	2.2	.4	.4	.1													31		31														
2 / 51	.1	.3	.3	.1														6		6														
/ 49	.1	1.2	.6	.6	.3													21		22														
/ 47	.1	2.8	.9	.6	.1													36		36														
4 / 45	.5	2.4	1.6	.6														41		41														
4 / 43	1.1	2.3	1.4	.1														39		39														
2 / 41	.4	2.7	1.0	.3														34		34														
/ 39	.5	2.8	1.4	.3														39		39														
/ 37	.6	6.1	1.5	.3														67		67														
/ 35	.6	5.9	2.2	.4														72		72														
3 / 33	1.5	4.8	1.3	.4														63		63														
/ 31	1.9	8.7	.8															90		90														
/ 29	.4	2.7	.3															26		26														
2 / 27	.4	3.4																30		30														
2 / 25	.8	3.9	.5															41		41														
2 / 23	.1	1.9	.4															19		19														
2 / 21	1.1	1.1	.1															19		19														
/ 19	.4	2.4																22		22														
/ 17	.3	.6																7		7														
1 / 15		.8																6		6														
/ 13		.4																3		3														
1 / 11	.1	.8																7		7														
/ 9	.1	.4																4		4														
/ 7		.5																4		4														
/ 5		.1																1		1														
/ 3		.1																1		1														
/ 1	.3																	2		2														
/ -1	.3																	2		2														
/ -3	.1																	1		1														
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			C <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature						Total												
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73-81

YEARS

**NOV**  
**MONTH**

PAGE 2 7620-3830

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

YEARS

NOV

PAGE 2 0900-1100  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 7			.3															2	2	3	5
/ 5			.1															1	1	2	5
/ 3																			1		1
/ 1																					2
/ -1																					4
- / -3																					1
TOTAL	5.8	32.8	37.1	16.8	8.7	4.7	1.9	.6	.4	.3									796		792
																			792		792

## PSYCHROMETRIC SUMMARY

73-81

YEARS

NOV  
MONTH

PAGE 1 1230-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

NCV  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 17		.1	.1															2	2	1	22														
/ 15		.1	.1															2	2	2	16														
/ 13		.6																5	5	3	7														
1 / 11																				5	2														
/ 9																					5														
- / 7																					2														
- / 5																					1														
/ 3																					2														
/ 1																					3														
/ -1																					1														
- / -3																					1														
TOTAL	2.8	15.4	15.0	17.1	14.6	14.2	9.2	5.1	2.7	2.1	.5	.8	.3	.1				779	752		779														

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3208510	46023	59.1	19.3	779	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2091143	39189	50.1	12.7	782		8.5	7.9	2.9	.9		90
Wet Bulb	1528194	33594	43.1	10.1	779		12.2	.1				90
Dew Point	1048292	27166	34.9	11.3	779	.2	38.1					90



## PSYCHROMETRIC SUMMARY

73-81

NOV  
MONTH

PAGE 1 1500-1700  
HOURS (L.S.Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

734886  
STATION

DALINA MAP KS

STATION NAME

73-81

YEARS

NOV  
MONTH

PAGE 2 1500-1700  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 17		.1		.1															2	2	3	17													
/ 15			.1	.1															2	2	3	15													
/ 13			.4																3	3	2	6													
1 / 11																					4	7													
/ 9																						2													
/ 7																						1													
/ 5																						1													
/ 3																						3													
/ 1																						2													
/ -1																						2													
- / -3																						1													
- / -5																						1													
TOTAL	3.5	12.2	14.1	13.9	18.4	13.9	10.4	5.9	3.6	1.7	1.3	.6	.3	.1					778		779	778													
																			778		776														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2569886	44672	57.4	19.8	778	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	2132465	43007	51.4	12.8	779		7.5	17.3	3.1	1.0		90
Wet Bulb	1570435	34151	43.9	10.1	778		10.5					90
Dew Point	1769451	27371	35.2	11.7	778	.5	37.0					90

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 1 ~~1800-2000~~  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

74536	JALINA MAP KS
STATION	STATION NAME

73-81

YEARS

NOV

PAGE 2      1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/			.1															1	1	1					
/		.1																1	1	1	2				
/																					4				
/																					5				
- /																					3				
- /																					1				
TOTAL	1.127	6.31	5.18	1.1	8.9	4.8	2.3	1.0	.3	.4									787		785				
																			785		785				



## PSYCHROMETRIC SUMMARY

73-81

NOV

STATION

STATION NAME

YEARS

**MONTH**

PAGE 2 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 1		.1	.1															2	2	2															
/ -1		.3																2	2	2	1														
- / -3																					5														
- / -5																					2														
- / -7																					2														
- / -9																					1														
/ -11																					1														
- / -13																					1														
TOTAL		7.64	3.12	9.1	9.7	6.2	2.9	1.4											791	792	791														

Element (X)	Σ x'	Σ x	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4769538	60332	76.3	14.575	791	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1415193	32287	47.8	11.186	792	.2	20.3	.6				90
Wet Bulb	1211383	29853	37.7	10.355	791	.2	26.2					90
Dew Point	991850	26432	33.4	11.725	791	1.5	42.3					90

## PSYCHROMETRIC SUMMARY

724536      SALINA MAP KS  
STATION      STATION NAME

73-81

**YEARS**

NOV  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
61 / 55																		3	3																
61 / 53																		3	3																
61 / 51																		8	8																
61 / 49																		9	9																
61 / 47																		12	12																
61 / 45																		11	11																
61 / 43																		12	12																
61 / 41																		21	21																
61 / 39																		47	47																
61 / 37																		67	67	1															
61 / 35																		69	69	6															
61 / 33																		134	134	19	1														
61 / 31																		147	147	46	16														
61 / 29																		180	180	83	24														
61 / 27																		234	235	164	76														
61 / 25																		226	226	198	112														
61 / 23																		256	256	225	172														
61 / 21																		258	258	187	129														
61 / 19																		322	324	265	138														
61 / 17																		340	340	319	167														
61 / 15																		394	394	401	271														
61 / 13																		392	392	423	308														
61 / 11																		374	376	432	351														
61 / 9																		366	366	425	354														
61 / 7																		382	383	427	307														
61 / 5																		367	368	488	433														
61 / 3																		340	344	455	474														
61 / 1																		432	432	429	564														
61 / -1																		196	196	357	474														
61 / -3																		178	179	237	376														
61 / -5																		136	136	276	318														
61 / -7																		63	63	127	202														
61 / -9																		104	104	97	219														
61 / -11																		65	65	83	239														
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ														
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

73-81

YEARS

NOV  
MONTH

PAGE 2

ALL  
HOURS 11.5 7.7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 17	.1	.3	.1															31	31	58	142			
1 / 15	.1	.2	.7															17	18	21	105			
1 / 13	.1	.3																24	24	24	62			
1 / 11	.2	.2																18	18	25	61			
1 / 9	.3																	19	19	16	41			
1 / 7	.2																	13	13	21	24			
1 / 5	.1																	8	8	9	18			
1 / 3	.2																	11	12	10	21			
1 / 1	.1	.1																9	9	13	20			
1 / -1	.1																	6	6	7	23			
1 / -3	.1																	6	6	6	18			
1 / -5																					12			
1 / -7																					9			
1 / -9																					6			
1 / -11																					5			
1 / -13																					1			
TOTAL	7.6	38.6	21.7	12.2	8.1	5.2	3.2	1.6	.9	.5	.2	.2	.1	.0				6324		6310				
																		6310		6310				

Element (X)	Σ x'	Σ x	X	C <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	35247029	457687	72.5	18.023	6310	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	12584764	270234	42.7	12.808	6324	1.4	152.4	22.0	6.6	1.9		720
Wet Bulb	10234713	244669	38.8	10.887	6310	1.5	199.2	.1				720
Dew Point	7981009	211725	33.6	11.789	6310	8.1	339.7					720



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
57		.7																6	6														
56		.7																6	6	6	5												
55		.4																3	3	7	2												
54		.1		.1	.1													3	3	2	6												
53		.4	.1		.1													5	5	3	2												
52			.6	.4														8	8	2	3												
51		.2	.6															7	7	2	2												
50		.2	1.2	.5	.2													16	16	9													
49	.2	.7	.7	.2	.4													19	19	14	5												
48	.1	1.8	.7	.4	.1													26	26	21	8												
47	.9	3.5	1.3	.7	.1													54	54	35	29												
46	.4	5.5	2.4	.4														71	71	44	24												
45	1.6	5.9	2.7	.2														85	85	89	49												
44	2.2	7.4	2.8	.2														104	104	98	78												
43	1.2	4.3	1.7	.1														60	60	79	77												
42	1.5	6.2	1.2															73	73	73	63												
41	1.2	6.3	.6															67	67	86	57												
40	.5	3.7	.6															34	34	56	57												
39	1.6	3.7	.9															50	51	42	61												
38	.2	3.7	.1															28	28	43	71												
37	.2	1.5	.5															17	17	22	42												
36	.4	1.2	.7															19	19	17	26												
35		1.8	.1															16	16	13	37												
34	.1	1.3	.4															15	15	19	18												
33	.1	.7																7	7	16	18												
32		1.2																8	8	6	14												
31		.6																5	5	11	7												
30		.4																3	3	3	7												
29		.4																3	3	4	9												
28		.2																2	2		11												
27																				2	9												
26																					7												
25																					8												
24																					4												
Element (X)	Σ x <sup>2</sup>	Σ x																															

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 2      0000-0200

HOURS 11-5 P.M.

**USAFETAC** FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
69		.1	.1															2	2						
59		.4																3	3	2	1				
55		.6																5	5	3	2				
53		.2																2	2	7	3				
51		.1			.1													2	2		6				
49		.6		.2														7	7	2					
47	.1	.4		.1														5	5	5	6				
45			.2	.2														4	4	3	1				
43		.4	.1	.1														5	5	5	3				
41		1.1	.9	.5														19	19	4	2				
39	.5	2.1	.2	.2	.2													27	27	19	5				
37	.7	3.9	.6	.7														49	49	38	21				
35	1.3	4.2	1.5	.1														58	58	45	33				
33	1.1	3.3	2.4	.1														57	58	58	36				
31	2.8	9.2	2.0	.1														115	115	81	73				
29	2.3	5.5	2.3															83	83	103	83				
27	1.3	5.4	.9															62	62	73	5				
25	1.3	6.5	.7															70	70	82	55				
23	.9	3.8	.4															41	41	62	45				
21	.9	3.2	1.0															41	41	45	60				
19	.6	5.5	.2															52	52	36	75				
17	.2	1.2	.2															14	14	39	36				
15	.5	1.8	.5															23	23	22	42				
13	.1	2.2																19	19	12	32				
11	.1	1.3	.6															17	17	21	24				
9	.1	1.0	.1															17	17	14	19				
7		.9																7	7	20	10				
5		.4																3	3	7	22				
3		.5																4	4	5	2				
1		.4																3	3	3	11				
-1																					18				
-3		.1																1	1		4				
-5	.1	.1																2	2	3	12				
-7																					5				
Element (X)	Σ x'																								

## PSYCHROMETRIC SUMMARY

724586  
STATION

SALINA MAP KS

73-81

DEC  
MONTH

PAGE 2 C300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
- / -9																																3					
- / -11																																1					
-1 / -13																																1					
-1 / -17																																1					
- / -21																																1					
TOTAL	15.166	9.15	0	2.6	.4																											819	920	819			

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5338663	65313	79.71	12.613	819	$\leq 0^\circ F$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	
Dry Bulb	726218	23120	28.2	9.528	820	.3	65.1					93
Wet Bulb	651346	21796	26.6	9.336	819	.3	71.3					93
Dew Point	520793	18447	22.51	11.346	819	5.2	79.5					93

## PSYCHROMETRIC SUMMARY

73-81

YEARS

DEC  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
59		.4																3	3					
57																				3	3			
53		.4																3	3					
51		.1																1	1	3				
49		.2																2	2	1				
47	.2	.4		.4	.1													9	9	5	5			
45	.1	.1																2	2	3	2			
43	.2		.2	.2														6	6	4	5			
41	.1	1.2	.4	.4														15	15	4	2			
39	.1	1.5	1.2	.2														23	23	13	6			
37	.7	2.8	.9	.1														37	37	31	13			
35	1.6	3.2	1.5	.6														55	55	46	28			
33	1.8	4.3	1.1	.1														60	60	49	40			
31	2.4	8.3	2.9	.1														113	113	83	74			
29	3.7	5.6	.9	.2														80	80	97	68			
27	.9	7.4	1.3															79	79	78	55			
25	1.2	6.7	1.2															75	75	89	46			
23	.4	2.6	.5															28	28	67	54			
21	1.1	3.6	.1															40	41	35	81			
19	1.2	5.3	.4															57	57	47	66			
17	.5	2.2	.5															26	26	41	37			
15	.9	1.7	.5															25	25	20	47			
13	.4	2.3	.1															23	23	25	45			
11	.5	1.3																15	15	22	27			
9	.2	3.2																28	28	21	16			
7		.9																7	7	20	11			
5		.4																3	3	6	7			
3	.2	.1																3	3	5	22			
1	.2	.1																3	3	3	19			
-1																					10			
-3		.1																1	1	1	15			
-5		.1																1	1		5			
-7																					7			
-9																					1			
Element (X)	Σ X'		Σ X																					

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

7600-0800  
HOURS: 11:30 A.M. - 1:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
1/-15																					7	
-19																					1	
TOTAL	1 <sup>a</sup> .166	.713	.4	2.4	.1														823	824	823	
																			823	623		

## PSYCHROMETRIC SUMMARY

73-81

YEARS

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

724546 SALINA MAP KS

73-81

DEC  
MONTH

PAGE 2

2900-1100  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

73-81

DEC  
MONTH

PAGE 1

1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2      1200-1400  
HOURS 11. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/ -1																					7				
- / -3																					3				
- / -5																					2				
-1 / -13																					1				
- / -25																					1				
/ -71																					1				
TAL	3.5	22.3	22.3	18.2	16.0	10.1	3.7	2.4	1.0	.5	.1								810		808				
																		306		678					

**USAFETAC** FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

HOURS 11.5. 5. 2.

[illegible]

## PSYCHROMETRIC SUMMARY

73-81

YEARS

DEC  
MONTH

PAGE 7 1500-1700  
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
/ 1																						9														
/ -1																						4														
- / -3																						3														
- - / -5																						2														
- - / -7																						2														
-1 - / -15																						2														
- - / -19																						1														
TOTAL	3.6	20.8	17.8	19.8	14.5	12.0	6.2	3.3	.6	.6	.7								824			822														
																			822		822															

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

724586 SALINA MAP KS STATION NAME

73-81

YEARS

DEC  
MONTH

PAGE 1 1800-2200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
59		.4	.4															6	6						
57			.1	.1				.1										3	3						
55		.1	.2	.1	.1		.1											6	6	3	3				
53		.2	.2	.1	.2	.1	.1											9	9	2					
51			.7	.5	.5	.1	.2											13	13	5	4				
49		.4	.6	.4	.5		.2	.1										18	18	5	5				
47		.2	.4	1.3	.1	.2												16	16	10	3				
45	.1	.5	1.1	1.1	.2	.2												27	27	16	11				
43		.5	1.6	.9	1.6	.2												39	39	18	5				
41		.5	2.1	1.5	.5	.2												39	39	24	7				
39	.1	3.1	3.1	1.5	.4													66	67	32	14				
37	.5	3.4	2.7	1.5	.2													67	67	71	19				
35	.5	4.2	2.5	1.5														70	70	85	56				
33	.7	5.5	4.1	1.2														93	93	80	53				
31	1.5	5.7	3.5	.7	.1													87	87	89	92				
29	.6	4.5	1.9	.2														58	58	99	76				
27	1.4	2.5	1.7															39	39	71	60				
25	.5	2.5	1.4															35	35	47	72				
23	.1	.9	.4															11	11	30	59				
21	.1	1.2	1.1															18	18	14	45				
19	.2	1.5	.6															19	19	18	57				
17	.1	1.5	.7	.1														20	20	19	31				
15		1.1	.2															11	11	15	19				
13		.9	.2															9	9	12	19				
11		.7	.6															11	11	11	18				
9	.2	.6																7	7	10	13				
7		.2	.2															4	4	9	11				
5		.2																2	2	3	8				
3																				2	10				
1	.1	.1																2	2	2	8				
-1																					8				
-3																					3				
-5																					11				
-9																					1				
Element (X)	Σ X'		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

1830-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
7/-11																					1		
2/-23																					1		
7/-25																					1		
12/-33																					1		
TOTAL	7.7	42.2	31.9	12.0	4.6	1.2	.7	.2											806		805		

Element (X)	Σ x'	Σ x	Σ	c <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4381063	58115	72.2	15.193	905	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1000944	27262	33.8	9.896	806		38.4					93
Wet Bulb	831983	24839	30.9	9.030	805		52.1					93
Dew Point	610444	23328	25.3	10.991	805	3.1	72.2					93

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
61		.2																2	2													
59																					2											
57			.2															2	2		2											
55		.9	.2															9	9	2												
53																				8	1											
51	.1	.1	.1	.1	.2													6	6	2	9											
49		.2	.2	.2	.4													9	9	1	2											
47		.1	.2	.4														6	6	3	2											
45		.5	.4	.2	.1	.1												11	11	5	2											
43		.5	.5	.4	.9													18	18	12	2											
41		1.2	1.6	.6	.2	.1												31	31	12	5											
39	.5	2.2	2.7	.6	.2													45	45	22	13											
37	.5	3.6	2.1	.9	.2													59	59	53	20											
35	.5	5.1	2.5	.9														72	72	69	30											
33	1.4	5.6	2.8	.2														81	81	77	59											
31	2.5	5.8	2.5	.5														87	87	88	82											
29	1.5	4.7	2.5	.5														74	74	77	71											
27	2.3	5.6	.9															71	71	94	66											
25	.6	5.3	.6															53	53	63	72											
23	.2	3.3	.2															31	31	55	48											
21	.5	2.1	.2															23	23	33	53											
19	.4	2.7	.5															29	29	18	61											
17	.1	1.5	1.0															21	21	27	39											
15	.1	1.2	.6															16	16	15	30											
13		1.7	.2															16	16	16	25											
11		.6	.5															9	9	19	19											
9		1.4																11	11	7	17											
7		1.7																8	8	15	9											
5		.2																2	2	5	8											
3		.5																4	4	3	7											
1		.1																1	1	3	14											
-1	.2																	2	2	3	12											
-3																					2											
-5																					10											
Element (X)	Σ x <sup>2</sup>																															

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2 2100-2300  
HOURS L. S. T. 1

[illegible]



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

# ALL

HOURS 12. 5. 7.

[illegible]

## PSYCHROMETRIC SUMMARY

724586  
STATION

SALINA MAP KS

73-81

DEC

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**ALL**  
**MONTH**

ALL  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

ALL  
MONTH

**ALL**  
**HOURS 11-5**

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point												
44/ 43	.1	.8	.7	.5	.3	.1	.0											1953	1955	2310	2277											
42/ 41	.1	.9	.8	.6	.2	.0	.0											1955	1958	2321	2288											
4 / 39	.2	.9	.9	.4	.2	.0												2039	2042	2403	2420											
37/ 37	.2	1.2	.8	.4	.1	.0												2080	2086	2348	2196											
37/ 35	.3	1.4	.9	.3	.0	.0												2207	2211	2626	2616											
34/ 33	.5	1.6	.7	.1	.0													2230	2239	2736	2676											
32/ 31	.6	2.0	.7	.1	.0													2604	2609	2793	3740											
29/ 29	.5	1.2	.5	.0	.0													1703	1703	2443	2929											
27/ 27	.3	1.3	.4	.0														1494	1495	1783	2541											
26/ 25	.2	1.2	.3	.0														1284	1285	1624	2314											
24/ 23	.1	.7	.2	.0														742	743	1228	1658											
22/ 21	.3	.8	.2	.0														954	957	938	1690											
19/ 19	.2	.8	.1	.0														920	923	891	1744											
18/ 17	.1	.6	.1	.0														638	638	791	1135											
16/ 15	.1	.6	.1	.0														573	574	594	928											
15/ 13	.1	.6	.0															550	550	530	770											
11/ 11	.1	.4	.0															413	413	589	674											
9/ 9	.1	.5	.0															474	474	466	579											
7/ 7	.0	.4	.0															336	337	442	458											
6/ 5	.0	.2	.0															159	159	290	333											
4/ 3	.1	.2																216	217	276	396											
1/ 1	.1	.2																208	209	233	547											
1/ -1	.1	.0																115	115	150	388											
1/ -3	.1	.0																85	85	90	258											
-4/ -5	.1	.0																85	85	87	259											
-6/ -7	.1	.0																44	44	57	176											
-8/ -9	.0																	24	24	25	164											
-10/-11	.0																	15	15	15	94											
-12/-13	.0																	6	6	6	83											
-14/-15	.0																	7	7	7	62											
-16/-17	.0																	4	4	4	47											
-18/-19	.0		</																													

## PSYCHROMETRIC SUMMARY

73-81

**YEARS**

ALL  
MONTH

PAGE 3

ALL  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
1/-25																					5	
2/-27																					1	
3/-29																					2	
4/-31																					2	
5/-33																					1	
6/-35																					1	
7/-37																					1	
8/-39																					1	
9/-41																					1	
TOTAL	5.2	28.8	17.0	11.5	8.8	7.3	5.5	4.3	3.3	2.4	1.9	1.3	.8	.6	.3	.2	.1		76443		76341	
																			76341		76341	

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	392135840	5193444	68.0	19.433	76341	= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	268728195	4201467	55.0	22.243	76448	43.7	1550.5	3063.7	2177.8	261.9	290.2	8760
Wet Bulb	276930630	3717724	48.7	18.413	76341	50.1	1850.1	1904.6	717.2	25.7		8760
Dew Point	169747143	3293345	43.1	19.239	76341	185.8	2734.5	956.2	104.8	1.1		8760

## PSYCHROMETRIC SUMMARY

MON' 4

HOURS . . . 5 . 7

[illegible]

**USAFETAC** FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

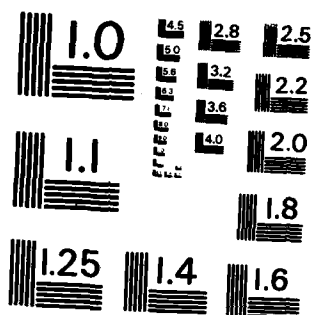
USAFETAC  
FORM  
JUL 64

AD-A122 720 SALINA MAP KANSAS REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 SEP 82  
UNCLASSIFIED USAFETAC/DS-82/088 SBI-AD-8880 213 P/G 4/2

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 1963 - A



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

704586 SALINA MAP KS

73-81

STATION		STATION NAME												YEARS	
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A	
0-22	MEAN	22.5	28.1	39.2	50.5	57.8	68.2	74.7	72.7	63.6	51.8	39.0	29.4	49.3	
	S D	12.474	12.635	11.035	10.288	8.064	7.630	5.902	6.647	9.518	9.861	11.301	9.502	19.840	
	TOTAL OBS	816	756	808	796	778	698	726	772	785	818	800	821	9374	
3-15	MEAN	21.3	26.4	37.2	48.1	55.4	65.6	72.0	69.9	60.9	49.5	37.3	28.2	47.3	
	S D	12.324	12.711	10.867	10.032	8.618	7.578	5.667	6.535	9.464	9.879	11.346	9.528	19.423	
	TOTAL OBS	826	756	812	789	776	725	760	787	789	819	797	820	9456	
6-18	MEAN	20.3	25.2	36.5	48.6	57.2	68.0	74.1	70.6	60.8	48.9	36.5	27.2	47.9	
	S D	12.460	12.679	10.732	9.734	8.351	7.112	6.106	6.454	9.281	9.684	11.352	9.184	20.303	
	TOTAL OBS	823	743	815	790	812	798	818	816	787	822	791	824	9639	
9-11	MEAN	24.6	31.2	43.6	56.9	65.8	77.4	83.8	79.9	70.3	58.6	42.7	32.0	55.6	
	S D	13.030	13.487	11.545	10.494	8.436	7.801	7.551	7.144	9.694	9.769	11.541	9.901	22.103	
	TOTAL OBS	816	744	819	787	818	787	811	817	787	815	796	820	9617	
12-14	MEAN	31.8	38.7	50.5	62.8	71.6	83.8	90.5	86.6	77.5	66.8	50.1	39.8	62.7	
	S D	14.499	15.380	12.964	11.372	9.025	8.616	8.562	8.302	10.931	11.240	12.764	11.652	22.458	
	TOTAL OBS	810	751	819	792	813	788	819	815	787	812	782	810	9598	
15-17	MEAN	33.6	41.5	52.8	65.0	73.2	86.1	92.6	88.7	79.4	68.5	51.4	41.1	64.6	
	S D	14.965	16.487	13.863	11.718	8.956	9.154	8.717	8.844	11.021	11.609	12.818	12.059	22.769	
	TOTAL OBS	823	747	819	781	815	792	825	816	788	824	779	824	9633	
18-20	MEAN	27.5	35.8	47.8	60.4	68.9	81.7	88.1	84.0	73.7	60.9	44.4	33.8	59.0	
	S D	13.363	14.336	12.246	10.793	8.180	8.805	8.476	8.366	10.368	10.235	11.282	9.896	22.713	
	TOTAL OBS	825	741	804	781	812	796	814	808	790	814	787	806	9578	
1-23	MEAN	24.3	30.8	42.3	54.0	61.9	73.2	79.5	76.6	66.9	55.0	40.8	30.6	53.0	
	S D	12.859	12.865	10.688	10.087	7.519	7.668	6.660	6.999	9.587	9.745	11.186	9.617	20.774	
	TOTAL OBS	817	748	813	794	804	761	796	806	796	817	792	809	9553	
ALL HOURS	MEAN	25.7	32.2	43.8	55.8	64.1	75.7	82.1	78.7	69.1	57.5	42.7	32.8	55.0	
	S D	14.026	14.932	13.115	12.208	10.593	10.932	10.457	10.143	12.093	12.463	12.808	11.308	22.243	
	TOTAL OBS	6556	5986	6509	6310	6428	6145	6369	6437	6309	6541	6324	6534	76448	

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GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

774536 SALINA MAP KS

73-81

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
6-07	MEAN	21.1	26.1	36.4	46.9	54.5	63.6	68.2	66.5	58.9	47.6	36.5	27.6	45.7											
	S D	11.974	11.445	10.064	9.404	7.753	6.405	4.198	5.168	8.348	9.073	10.623	9.177	18.111											
	TOTAL OBS	814	756	806	796	776	698	726	771	783	817	798	820	9361											
6-08	MEAN	20.0	24.7	35.1	45.3	52.8	62.3	67.1	65.1	57.3	46.1	35.3	26.6	44.5											
	S D	11.915	11.703	10.112	9.484	8.229	6.702	4.315	5.311	8.610	9.300	10.776	9.336	16.167											
	TOTAL OBS	822	755	812	786	775	723	758	787	788	817	797	819	9439											
6-09	MEAN	19.1	23.7	34.4	45.6	54.1	63.4	68.2	65.6	57.3	45.6	34.7	25.7	44.9											
	S D	12.151	11.890	10.112	9.299	8.139	6.031	4.224	5.093	8.667	9.223	10.862	9.014	18.780											
	TOTAL OBS	820	742	815	790	810	798	816	815	787	822	790	823	9628											
6-11	MEAN	22.5	28.2	39.2	50.5	56.7	67.4	72.1	69.8	62.2	51.3	38.9	29.2	49.2											
	S D	12.168	11.621	9.782	9.035	7.615	5.620	4.027	4.632	7.690	8.179	10.251	9.041	18.708											
	TOTAL OBS	815	744	819	785	817	786	810	816	787	814	792	818	9603											
11-14	MEAN	27.8	33.2	43.3	53.4	61.3	69.3	73.8	71.8	64.9	55.1	43.1	34.5	52.7											
	S D	12.335	11.464	9.720	8.975	7.618	5.599	4.108	4.725	7.645	8.030	10.107	9.332	17.615											
	TOTAL OBS	810	751	818	791	813	786	818	814	786	810	779	808	9584											
11-17	MEAN	29.1	34.9	44.4	54.4	61.9	69.8	74.0	71.9	65.2	55.6	43.9	35.4	53.4											
	S D	12.298	11.484	9.717	8.893	7.296	5.546	4.007	4.576	7.523	8.021	10.105	9.444	17.260											
	TOTAL OBS	823	747	815	780	813	792	825	811	788	823	778	822	9617											
11-27	MEAN	25.1	31.7	41.9	52.5	60.4	68.8	72.4	70.5	63.4	52.6	40.3	30.9	51.0											
	S D	12.186	11.284	9.474	8.760	7.132	5.598	4.025	4.657	7.608	8.074	10.141	9.030	18.096											
	TOTAL OBS	824	740	803	781	811	796	813	808	790	814	785	805	9570											
1-23	MEAN	22.6	28.2	38.7	49.2	57.2	66.1	70.0	68.2	60.5	49.6	37.7	28.5	48.0											
	S D	12.212	11.147	9.395	8.955	7.343	5.804	4.017	4.949	7.920	8.482	10.355	9.185	18.171											
	TOTAL OBS	815	746	811	794	803	759	796	805	795	815	791	829	9539											
ALL HOURS	MEAN	23.4	28.8	39.2	49.7	57.7	66.4	70.8	68.7	61.2	50.4	38.8	29.8	48.7											
	S D	12.615	12.108	10.410	9.687	8.308	6.512	4.826	5.509	8.551	9.292	10.887	9.777	18.413											
	TOTAL OBS	6543	5981	6499	6373	6418	6138	6362	6427	6304	6532	6310	6524	76341											

USAF ETAC FORM 0-89-5 (OL A)  
OCT 78

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

774586 SALINA MAP KS

73-81

STATION		STATION NAME												YEARS	
HRS	LT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
6-00	MEAN	16.3	21.6	32.4	43.3	51.9	61.0	64.7	63.0	55.6	43.4	32.8	23.2	42.0	
	S D	14.0151	12.2081	11.3901	10.164	8.523	6.857	5.112	6.219	9.1541	10.3011	11.9431	11.447	19.162	
	TOTAL OBS	814	756	876	796	776	698	726	771	783	817	798	820	9361	
0-05	MEAN	15.4	20.4	31.6	42.4	50.8	60.2	64.4	62.5	54.7	42.5	32.1	22.5	41.3	
	S D	13.9461	12.6961	11.1891	10.223	8.761	7.089	4.989	6.023	9.2211	10.4591	11.9701	11.346	19.335	
	TOTAL OBS	822	755	812	786	775	723	758	787	788	817	797	819	9439	
6-09	MEAN	14.4	19.7	30.9	42.4	51.7	60.7	65.1	62.8	54.8	42.1	31.6	21.6	41.6	
	S D	14.4971	13.1281	11.2721	10.191	8.889	6.733	4.747	5.813	9.3471	10.3851	11.9551	11.095	19.847	
	TOTAL OBS	820	742	815	790	810	798	816	815	787	822	790	823	9628	
6-11	MEAN	16.4	22.2	33.4	44.5	53.5	61.7	66.4	64.6	56.9	44.4	33.7	23.6	43.5	
	S D	14.3211	12.4311	10.8031	10.460	9.364	7.156	5.098	6.074	8.9791	10.1891	11.4821	11.161	19.549	
	TOTAL OBS	815	744	819	785	817	786	810	816	787	814	792	818	9603	
12-14	MEAN	19.8	24.7	34.8	45.0	54.0	61.4	66.0	64.3	56.9	45.0	34.9	26.4	44.5	
	S D	13.6861	10.9971	10.8131	10.928	9.746	7.729	5.792	6.603	9.6851	10.3471	11.3901	10.430	18.529	
	TOTAL OBS	810	751	818	791	813	786	818	814	786	810	779	808	9584	
15-17	MEAN	20.8	25.4	34.8	45.2	53.9	60.9	65.0	63.4	56.3	44.6	35.2	26.8	44.4	
	S D	13.1981	10.3681	10.7991	10.976	9.692	7.822	6.259	6.665	9.9291	10.4661	11.7081	10.459	18.062	
	TOTAL OBS	823	747	815	783	813	792	825	811	788	823	778	822	9617	
18-27	MEAN	19.3	25.1	34.7	45.5	54.4	61.6	64.8	63.6	56.8	45.1	34.9	25.3	44.3	
	S D	13.7611	11.0001	10.4591	10.274	9.136	7.600	6.098	6.450	9.3871	10.0851	11.6211	10.991	18.450	
	TOTAL OBS	824	740	803	781	811	796	813	808	790	814	785	805	9570	
71-23	MEAN	17.6	23.2	33.8	44.7	53.8	62.0	65.1	63.6	56.2	44.4	33.4	23.6	43.4	
	S D	14.1251	11.6401	10.498	9.836	8.539	6.744	5.363	6.357	9.018	9.8331	11.7251	11.709	18.994	
	TOTAL OBS	815	746	811	794	803	759	796	805	795	815	791	809	9539	
ALL HOURS	MEAN	17.5	22.8	33.3	44.1	53.0	61.2	65.2	63.5	56.0	44.0	33.6	24.1	43.1	
	S D	14.1011	12.0091	10.9591	10.447	9.178	7.255	5.499	6.315	9.3781	10.3111	11.7891	11.214	19.039	
	TOTAL OBS	6543	5981	6499	6303	6418	6138	6362	6427	6304	6532	6310	6524	76341	

## RELATIVE HUMIDITY

44

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	1-31	100.0	100.0	100.0	99.3	97.3	89.9	71.3	44.5	27.2	22.0	614
FEB.	1-28	100.0	100.0	99.9	99.6	93.1	93.3	74.5	47.6	26.9	23.3	579
MAR.	1-30	100.0	99.2	99.3	99.1	97.3	89.5	75.6	49.0	27.0	26.8	673
APR.	1-11	100.0	100.0	99.2	97.7	91.9	79.5	54.6	33.4	16.8	22.1	313
MAY	12-14	100.0	99.5	97.5	91.5	77.0	56.8	31.9	16.2	7.9	43.0	517
JUN.	15-17	100.0	99.4	95.9	87.8	73.6	54.8	32.9	16.3	6.3	40.2	423
JULY	18-21	100.0	100.0	99.4	97.8	92.7	80.3	57.0	29.0	9.6	20.1	324
AUG.	21-23	100.0	100.0	99.9	99.8	97.2	87.0	67.1	42.1	14.6	21.0	317
TOTALS		100.0	99.9	99.1	95.6	90.5	78.5	58.1	34.2	13.3	20.5	1547

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

STATION NAME MALINA MAP KS

77-81

PERIOD

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1	0-02	100.0	100.0	99.9	98.9	96.4	89.6	71.7	47.1	17.9	77.7	750
	3-05	100.0	100.0	99.7	98.3	97.1	92.5	77.6	47.4	21.1	79.0	715
	6-08	100.0	100.0	100.0	99.1	97.3	93.4	81.0	51.6	20.0	77.1	740
	9-11	100.0	99.9	98.8	95.7	88.0	72.8	53.1	31.2	14.9	71.3	744
	12-14	100.0	98.3	92.1	82.3	68.0	52.7	36.2	22.1	11.3	61.7	751
	15-17	100.0	95.4	84.5	75.0	62.9	50.9	35.9	20.2	8.4	58.6	747
	18-20	100.0	99.2	96.4	89.2	80.3	68.4	51.2	31.1	13.5	68.4	747
	21-23	100.0	100.0	99.5	97.6	91.7	83.0	64.7	41.4	18.2	75.0	746
TOTALS		100.0	99.1	96.4	92.1	85.3	75.4	58.9	37.0	15.9	71.0	5921

USAFETAC

FORM  
JUN 64

0-87-5 (OL A)

FEDERAL CLIMATOLOGY BRANCH  
 PETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

4736 SALINA MAP KS 73-81 042  
 STATION MONTH PERIOD MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	05-31	100.0	100.0	99.8	93.5	93.4	85.2	71.5	52.2	26.2	71.7	676
	03-15	100.0	100.0	99.9	99.5	95.8	90.3	79.6	59.7	31.0	71.3	617
	06-06	100.0	100.0	100.0	99.6	96.7	90.9	79.1	57.2	30.9	69.1	616
	09-11	100.0	100.0	98.4	93.8	83.0	69.6	57.4	41.3	16.0	69.2	614
	12-14	100.0	99.1	90.0	76.9	61.0	45.5	31.4	14.2	11.0	59.1	616
	16-17	100.0	95.6	83.7	70.2	56.2	38.5	27.5	13.5	10.2	55.0	615
	19-20	100.0	99.4	94.1	85.1	72.9	58.2	39.7	20.2	11.7	54.3	607
	21-23	100.0	100.0	99.9	96.7	88.9	78.4	59.6	34.5	18.6	72.7	611
TOTALS		100.0	99.3	95.7	90.0	81.0	69.5	54.9	37.9	19.5	70.4	6499

## RELATIVE HUMIDITY

352

MONTH

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	0-02	100.0	100.0	99.9	99.3	94.8	87.2	72.4	48.2	18.1	77.5	750
	3-05	100.0	100.0	100.0	99.9	97.5	94.0	80.8	64.8	24.7	81.5	750
	6-08	100.0	100.0	100.0	99.9	97.8	91.1	76.2	53.5	22.5	75.9	750
	9-11	100.0	100.0	98.5	92.6	79.5	57.3	38.7	22.0	7.8	65.2	750
	12-14	100.0	99.5	92.3	75.1	55.0	36.7	22.3	13.5	5.2	55.5	750
	15-17	100.0	98.7	87.1	65.8	48.5	30.3	21.0	12.3	5.5	52.4	750
	18-20	100.0	99.7	96.7	85.4	66.5	48.4	30.6	17.5	5.0	50.5	750
	21-23	100.0	100.0	99.9	98.4	91.1	76.7	56.4	33.1	10.3	70.5	750
TOTALS		100.0	99.7	96.6	89.5	78.0	65.5	49.8	32.6	12.5	68.1	6570

USAFETAC FORM 0-87-5 (OL A)

## RELATIVE HUMIDITY

424

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	1-30	100.0	100.0	100.0	100.0	99.4	95.4	83.5	57.2	18.9	81.2	776
JUN	1-30	100.0	100.0	99.9	99.7	99.4	97.5	90.1	72.9	31.1	64.9	770
JUL	1-30	100.0	100.0	100.0	100.0	99.6	97.2	84.9	58.0	23.3	80.1	811
AUG	1-31	100.0	100.0	99.1	95.6	83.5	61.6	38.4	18.2	6.6	66.0	817
SEP	1-30	100.0	100.0	96.4	83.0	58.7	33.5	17.0	6.1	3.5	55.9	813
OCT	1-31	100.0	99.9	94.1	76.4	48.6	27.1	14.6	8.1	3.9	57.0	813
NOV	1-30	100.0	100.0	98.6	91.7	73.1	51.0	28.9	15.3	3.7	61.7	811
DEC	1-23	100.0	100.0	100.0	99.8	97.8	87.7	66.6	37.4	8.1	75.4	573
TOTALS		100.0	100.0	98.5	93.3	82.5	68.9	53.0	34.7	12.4	70.0	6415



## RELATIVE HUMIDITY

4526

SALINA MAP KS

72-21

416

STATION

STATION NAME

PERIOD

**NORTH**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	0-02	100.0	100.0	100.0	99.7	97.4	89.7	73.8	50.7	17.6	78.7	68
	3-05	100.0	100.0	100.0	100.0	99.3	95.3	84.4	60.7	29.6	83.1	72
	6-08	100.0	100.0	99.7	99.2	97.5	89.2	72.7	51.6	16.4	76.4	79
	9-11	100.0	99.5	98.1	89.7	72.9	47.7	26.3	11.0	1.9	60.6	78
	12-14	100.0	98.9	90.6	67.6	40.6	22.1	9.4	4.3	.9	40.1	76
	15-17	99.9	98.0	84.0	56.1	32.2	16.4	7.4	1.3	2.4	45.4	79
	18-21	100.0	98.9	92.3	74.5	52.9	31.3	15.6	7.2	2.3	53.1	79
	21-23	100.0	100.0	99.1	97.0	89.1	70.9	51.6	26.6	6.6	60.6	75
TOTALS		100.0	99.4	95.5	83.5	72.7	57.8	42.6	27.9	9.4	64.7	517

**USAFETAC**

FORM 1041-AM

**0-87-5 (OL A)**

JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

45-46 SALINA MAP KS 73-91 JUL  
STATION STATION NAME PERIOD MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	1-24	100.7	100.0	100.7	99.6	93.4	75.9	59.3	34.4	7.6	70.4	708
	25-31	100.0	100.0	100.0	99.5	96.4	86.3	73.7	45.6	14.9	79.0	769
	32-34	100.0	100.0	100.0	99.4	95.2	83.2	62.7	40.1	10.7	74.8	636
	35-41	100.0	100.0	97.4	85.8	64.7	38.9	23.3	10.5	1.7	57.9	617
	42-44	100.0	99.0	85.8	59.0	35.7	20.3	9.9	0.9	.7	47.0	618
	45-47	100.0	96.8	74.8	47.9	26.5	17.0	7.3	2.5	.4	40.0	408
	48-50	100.0	99.0	84.4	63.8	41.0	26.4	12.9	5.0	1.5	40.0	610
	51-53	100.0	100.0	99.4	92.2	75.6	55.2	36.3	16.8	2.5	63.3	199
TOTALS		100.0	99.4	92.7	80.9	65.7	50.4	35.6	20.4	5.7	60.7	4362

## RELATIVE HUMIDITY

4.16

ALIYA YAP KS

73-61

1

**STATION**

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-12	0-12	100.0	100.0	99.9	98.4	91.0	77.7	58.9	37.5	18.1	77.1	771
	12-25	100.0	100.0	100.0	99.7	97.3	87.3	71.7	51.2	18.3	70.0	727
	6-28	100.0	100.0	100.0	99.3	96.4	86.1	70.4	47.0	15.2	77.4	810
	8-11	100.0	99.6	98.0	93.8	74.9	52.3	29.2	10.0	2.9	61.4	310
	12-14	100.0	99.0	91.3	68.7	42.6	24.9	10.1	3.3	0.7	40.0	114
	16-17	100.0	97.3	83.7	54.5	31.9	18.0	9.6	4.8	1.7	45.0	11
	18-20	100.0	99.3	92.6	73.0	50.6	31.6	17.0	6.2	1.5	57.0	
	21-23	100.0	100.0	99.4	93.8	80.4	63.1	43.0	22.5	4.1	60.2	21
TOTALS		100.0	99.4	95.6	84.8	70.7	55.1	38.6	24.0	6.7	63.1	6427

## RELATIVE HUMIDITY

77-21

22

STATION

STATION NAME

PERIOD

MONTH

[illegible]

USAFETAC FORM 0-87-5 (OL A)

FORM  
BLS 400

## RELATIVE HUMIDITY

257

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	0-02	100.0	100.0	100.0	98.3	93.7	79.6	67.5	34.7	16.5	74.0	617
	3-05	100.0	100.0	100.0	99.1	95.1	86.0	67.2	47.1	33.2	72.7	617
	6-08	100.0	100.0	100.0	98.2	95.4	87.6	72.4	51.5	25.1	73.4	422
	9-11	100.0	99.9	96.9	85.4	68.8	49.9	34.5	21.0	9.7	62.1	614
	12-14	100.0	96.7	81.7	59.8	42.4	26.4	16.9	7.5	3.6	49.1	611
	15-17	100.0	95.7	76.9	51.6	34.9	21.7	12.3	7.5	3.5	46.1	622
	18-20	100.0	99.3	94.7	81.5	64.1	44.1	29.6	17.1	6.4	54.3	614
	21-23	100.0	100.0	99.3	95.8	83.6	68.1	47.2	21.3	11.4	65.6	615
TOTALS		100.0	99.0	93.6	83.7	71.9	57.9	42.7	21.2	12.6	64.7	6377

**0-87-5 (OL A)**

## RELATIVE HUMIDITY

7-4786

SALINA MAD KS

73-91

404

STATION

STATION NAME

PERIOD

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	96.5	89.1	74.3	51.6	24.4	75.2	763
	03-05	100.0	100.0	100.0	100.0	99.4	94.0	80.1	62.6	29.7	81.9	797
	06-08	100.0	100.0	100.0	99.6	99.1	96.3	85.3	64.1	32.3	83.1	790
	09-11	100.0	100.0	99.5	97.0	90.3	75.8	53.7	31.2	13.9	71.6	792
	12-14	100.0	99.0	94.6	83.1	63.0	41.6	28.6	16.2	8.1	59.1	779
	15-17	100.0	99.4	93.1	78.8	58.7	39.3	25.4	15.4	7.6	57.4	778
	18-20	100.0	100.0	99.5	95.5	87.5	75.9	53.8	29.3	11.2	71.0	785
	21-23	100.0	100.0	99.9	99.0	93.7	84.8	66.4	43.9	13.7	76.3	791
TOTALS		100.0	99.8	98.3	94.1	86.0	74.6	58.4	39.5	18.2	72.5	6312

## RELATIVE HUMIDITY

77-61

250

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	99.9	99.9	99.8	99.3	96.3	86.8	73.4	58.3	17.3	78.0	807
	03-05	100.0	100.0	100.0	99.8	97.3	91.7	77.0	56.1	21.2	79.7	814
	06-08	100.0	100.0	100.0	99.5	97.7	91.4	77.5	56.4	22.8	80.0	823
	09-11	100.0	100.0	99.1	96.8	91.6	77.5	56.0	32.6	13.7	78.4	818
	12-14	100.0	99.5	96.7	87.6	69.9	49.4	29.2	11.1	7.2	61.3	808
	15-17	100.0	98.8	95.7	82.5	65.0	45.9	28.3	10.1	7.5	59.6	822
	18-20	100.0	99.9	99.1	96.9	91.4	78.4	57.1	31.7	12.5	72.2	815
	21-23	100.0	99.6	99.5	99.1	93.7	84.3	69.5	40.5	15.9	76.7	800
TOTALS		100.0	99.7	98.7	95.2	87.9	75.9	58.5	30.8	14.3	72.0	6524

**USAFETAC**FORM  
FAS 94

**D-87.5 (OL A)**

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

4-46 DELINA MAP KS

73-31

ALL

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	99.1	96.6	90.5	78.5	58.1	34.2	17.3	70.5	6543
FEB		100.0	99.1	96.4	92.1	85.3	75.4	58.9	37.0	15.9	71.0	6481
MAR		100.0	99.3	95.7	90.0	81.7	69.5	54.9	37.9	19.5	70.4	6496
APR		100.0	99.7	96.8	89.5	78.8	65.5	49.8	32.8	12.7	68.1	6307
MAY		100.0	100.0	96.0	93.3	82.5	68.9	53.7	34.7	12.4	70.0	6418
JUN		100.0	99.4	95.5	85.5	72.7	57.8	42.6	27.3	9.4	64.7	6179
JUL		100.0	99.4	92.7	80.9	65.7	50.4	35.6	21.4	5.0	60.7	6367
AUG		100.0	99.4	95.6	84.6	70.7	55.1	38.6	24.7	6.7	63.1	6427
SEP		100.0	99.8	96.4	86.8	74.8	61.1	46.7	30.2	12.0	66.5	6374
OCT		100.0	99.0	93.6	83.7	71.9	57.9	42.7	28.2	12.6	64.7	6531
NOV		100.0	99.8	98.3	94.1	86.0	74.6	58.4	39.5	18.2	70.5	6311
DEC		100.0	99.7	98.7	95.2	87.9	75.9	58.5	38.8	14.8	70.5	6524
TOTALS		100.0	99.5	96.4	89.4	79.7	65.9	49.8	32.2	12.7	68.1	76341



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

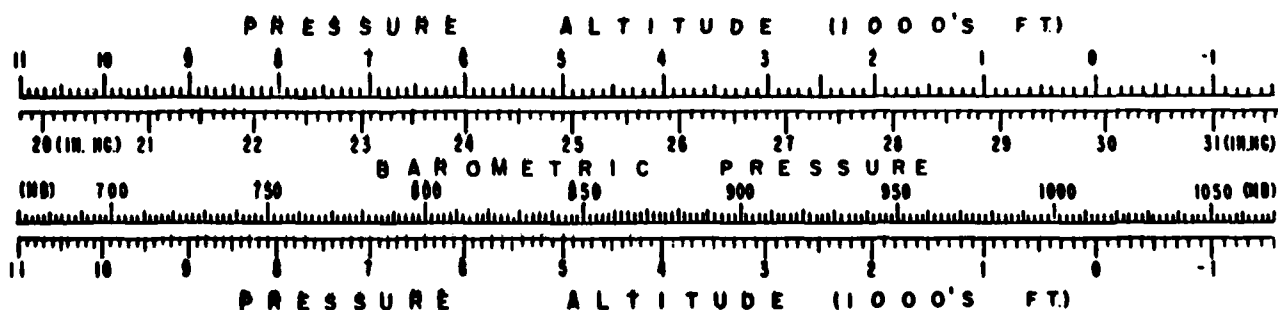
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

704586 SALINA MAP KS

73-81

STATION		STATION NAME												YEARS														
HRS (ST)		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
7	MEAN	28.743	28.693	28.560	28.557	28.531	28.553	28.602	28.611	28.633	28.654	28.681	28.691	28.626														
	S D	.237	.243	.239	.199	.171	.154	.094	.108	.155	.193	.214	.247	.206														
	TOTAL OBS	273	250	275	264	258	237	240	258	262	271	266	271	3125														
3	MEAN	28.736	28.684	28.551	28.557	28.522	28.547	28.596	28.608	28.630	28.654	28.673	28.671	28.620														
	S D	.240	.249	.246	.205	.180	.160	.095	.108	.154	.198	.220	.248	.210														
	TOTAL OBS	276	250	274	266	257	233	245	258	265	274	262	268	3130														
6	MEAN	28.732	28.681	28.557	28.564	28.538	28.563	28.608	28.611	28.647	28.665	28.677	28.670	28.626														
	S D	.246	.247	.248	.207	.179	.159	.093	.115	.156	.202	.223	.253	.209														
	TOTAL OBS	276	247	275	262	268	265	271	272	264	274	263	271	3208														
0	MEAN	28.760	28.710	28.581	28.587	28.562	28.574	28.623	28.624	28.665	28.682	28.702	28.690	28.646														
	S D	.251	.243	.252	.212	.182	.161	.095	.114	.160	.205	.225	.248	.211														
	TOTAL OBS	273	250	276	259	276	261	266	270	258	272	265	271	3197														
17	MEAN	28.754	28.712	28.570	28.583	28.551	28.565	28.610	28.616	28.654	28.671	28.691	28.693	28.638														
	S D	.257	.243	.253	.207	.179	.159	.096	.114	.154	.205	.224	.248	.211														
	TOTAL OBS	269	248	277	263	271	263	268	271	261	270	262	274	3196														
15	MEAN	28.701	28.657	28.524	28.538	28.516	28.528	28.573	28.573	28.609	28.620	28.641	28.644	28.593														
	S D	.253	.237	.245	.202	.175	.156	.096	.112	.156	.199	.219	.243	.205														
	TOTAL OBS	274	248	273	261	271	263	276	273	262	275	256	275	3207														
16	MEAN	28.706	28.663	28.521	28.525	28.495	28.504	28.543	28.546	28.598	28.618	28.656	28.662	28.587														
	S D	.246	.233	.235	.194	.168	.153	.098	.114	.154	.195	.218	.238	.205														
	TOTAL OBS	273	247	269	256	263	258	273	265	266	270	263	269	3172														
11	MEAN	28.726	28.696	28.548	28.553	28.516	28.524	28.571	28.580	28.627	28.641	28.670	28.683	28.611														
	S D	.248	.223	.233	.195	.167	.148	.096	.112	.155	.193	.217	.239	.203														
	TOTAL OBS	271	247	273	265	273	264	278	270	262	275	263	271	3212														
ALL HOURS	MEAN	28.732	28.687	28.552	28.558	28.529	28.545	28.590	28.596	28.633	28.651	28.674	28.674	28.618														
	S D	.248	.240	.244	.203	.176	.158	.099	.115	.157	.199	.220	.246	.208														
	TOTAL OBS	2186	1987	2192	2096	2137	2044	2117	2137	2100	2181	2100	2170	25447														

5  
JUNIOR CLIMATOLOGY BRANCH  
AF ETAC  
AF WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

74436 ALINA MAP MS

73-81

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN 1021.1	1019.7	1014.2	1013.4	1012.3	1012.3	1013.7	1014.2	1015.4	1016.7	1018.6	1019.1	1016.7
	S D 9.031	9.218	8.925	7.366	6.313	5.677	3.514	4.054	5.328	7.273	7.986	9.194	7.977
	TOTAL OBS 273	249	275	264	259	237	240	258	261	271	266	271	3123
	MEAN 1021.4	1019.2	1013.8	1013.2	1011.7	1012.1	1013.5	1014.1	1015.2	1016.7	1018.2	1018.6	1016.7
	S D 9.132	9.355	9.211	7.615	6.645	5.846	3.549	4.044	5.747	7.380	8.248	9.212	8.034
	TOTAL OBS 273	252	274	266	257	232	245	259	265	274	263	270	3137
	MEAN 1021.5	1019.3	1014.1	1013.7	1012.3	1012.7	1014.0	1014.3	1016.0	1017.2	1018.4	1018.6	1016.7
	S D 9.360	9.301	9.221	7.635	6.559	5.943	3.516	4.268	5.851	7.505	8.265	9.428	8.001
	TOTAL OBS 277	248	275	262	261	265	273	269	264	274	264	272	3211
	MEAN 1022.4	1020.4	1014.0	1014.6	1013.1	1013.1	1014.6	1014.4	1016.6	1017.9	1019.4	1019.6	1016.8
	S D 9.509	9.160	9.411	7.790	6.681	5.935	3.579	4.264	5.960	7.585	8.364	9.151	8.099
	TOTAL OBS 271	251	275	260	277	260	268	270	253	273	264	273	3196
1	MEAN 1022.2	1020.3	1014.5	1014.3	1012.8	1012.7	1014.0	1014.4	1016.2	1017.3	1018.9	1019.5	1016.4
	S D 9.714	9.160	9.397	7.585	6.605	5.857	3.594	4.274	5.764	7.610	8.319	9.210	8.091
	TOTAL OBS 267	248	277	262	264	263	267	270	261	270	263	273	3185
	MEAN 1020.1	1019.3	1012.6	1012.7	1011.4	1011.4	1012.6	1012.8	1014.5	1015.4	1017.0	1017.7	1014.7
	S D 9.597	8.898	9.141	7.436	6.495	5.718	3.616	4.146	5.804	7.344	8.149	9.056	7.857
	TOTAL OBS 269	246	273	242	259	266	276	272	262	276	257	273	3193
	MEAN 1020.5	1018.6	1012.7	1012.3	1010.8	1010.6	1011.6	1011.9	1014.2	1015.5	1017.7	1018.4	1014.6
	S D 9.322	8.779	8.813	7.138	6.192	5.613	3.669	4.275	5.747	7.224	8.097	8.942	7.910
	TOTAL OBS 271	247	262	256	265	262	273	266	266	271	263	269	3172
	MEAN 1021.3	1019.7	1013.8	1013.3	1011.5	1011.3	1012.6	1013.1	1015.2	1016.4	1018.2	1019.4	1016.5
	S D 9.403	8.670	8.665	7.240	6.141	5.400	3.586	4.206	5.810	7.169	8.024	8.957	7.857
	TOTAL OBS 271	249	273	264	273	264	276	269	262	275	263	270	3210
ALL HOURS	MEAN 1021.4	1019.4	1013.9	1013.4	1012.0	1012.0	1013.3	1013.7	1015.4	1016.7	1018.3	1018.9	1016.7
	S D 9.397	9.084	9.119	7.499	6.485	5.798	3.688	4.293	5.856	7.415	8.198	9.176	8.005
	TOTAL OBS 2178	1992	2192	2098	2121	2049	2120	2133	2094	2183	2103	2171	25434

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